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CLIMATOLOGICAL DATA

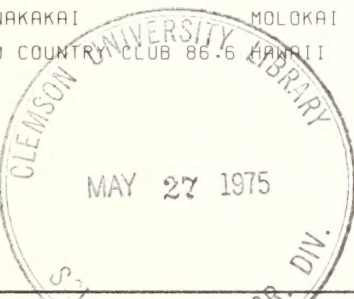


HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: KEAWAKAPU BEACH 260.2 MAUI 88 DATE 12
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 24 DATE 26
 GREATEST TOTAL PRECIPITATION: HILO COUNTRY CLUB HAWAII 51.82
 LEAST TOTAL PRECIPITATION: KAUNAKAKAI MOLOKAI .39
 GREATEST 1 DAY PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 15.90 DATE 08



SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							GREENWICH CIVIL													
							12	18	00	06										
GUAM WSO AP	-	-	-	29	E 25	-	80	77	87	1	8	10	6	2	0	27	63	-		
HILO, HAWAII, WSO AP	16	2.1	6.9	22	SE 08	83	81	72	83	7	5	6	6	3	2	29	35	7.5		
HONOLULU, OAHU, WSO AP	7	6.4	9.9	36	SE 31	85	83	63	75	4	7	4	0	2	1	18	59	5.2		
JOHNSTON ISLAND WSO AP	8	13.0	16.4	34	E 04+	76	77	70	74	6	7	5	0	0	0	18	74	3.5		
KAHULUI, MAUI, WSO AP	6	7.6	10.7	34	E 08	78	78	60	72	3	6	7	0	1	0	17	60	5.1		
KOROR WSO AP	5	7.5	10.8	43	NW 22	89	-	84	75	2	5	12	8	1	1	29	63	9.0		
KWAJALEIN WSO AP	-	-	-	26++	9 25	76	76	68	72	11	10	2	0	0	0	23	-	9.3		
LIHUE, KAUAI, WSO AP	7	6.0	12.5	35	S 31	75	74	64	71	5	9	6	2	1	3	26	43	6.9		
MAJURO WSO AP	7	14.3	14.7	29	E 07	78	79	72	76	5	7	6	1	2	0	21	62	9.2		
PAGO PAGO WSO AP	35	6.3	11.8	49	N 28	89	88	76	81	4	4	8	5	4	3	28	47	8.8		
PONAPE WSO AP	-	-	-	20	NE 25+	78	-	73	74	6	10	3	2	1	1	23	63	9.5		
TRUK MOEN I. WSO AP	6	11.3	12.0	27	E 08	82	-	77	77	6	9	6	1	1	0	23	63	9.8		
WAKE WSO AP	7	11.6	13.7	38	NE 09	80	83	66	72	7	9	3	0	0	0	19	64	4.5		
YAP WSO AP	7	9.8	10.8	33	NE 21	87	-	82	79	2	4	14	3	3	2	28	81	7.9		

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1975

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
											30" OR ABOVE	32" OR BETWEEN	34" OR BETWEEN	36" OR BETWEEN										
HAWAII																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A	62.4	49.4	55.9		67	18	41	23+	0	0	0	0	9.88		3.40	10	.0	0		10	4	3	
KANALOHULU 1075														8.60		2.25	31	.0	0					
KAPAA STABLES 1104	A													9.21		3.50	10	.0	0				2	
KILAUEA FIELD 17 1135	A																	.0	0					
KILAUEA POINT 1133																		.0	0					
KOLOA 936	A													9.60		2.35	31	.0	0					
LIIHUE WSO 1020.1 AP	//R	77.9	68.0	73.0	1.8	82	21+	62	27+	0	0	0	0	14.07	7.83	3.55	9	.0	0		12	6	4	
MANA 1026		82.0	62.8	72.4	1.7	85	22+	59	27	0	0	0	0	4.61	-.33	1.49	10	.0	0		6	3	3	
N WAILUA DITCH 1051	A													26.95		6.24	30	.0	0					
PH WAINIHA 1115														12.95	-.06			.0	0					
PUEHU RIDGE 1040														6.40	-.23	1.70	31	.0	0		7	4	4	
WAIHANA 930	A													7.35	1.55	2.40	10	.0	0				2	
WAIHI LOWER 1054		76.0M	61.0M	68.5M		80	21+	55	28+	0	0	0	0	15.76	5.18	3.69	10	.0	0		19	6	4	
WAIMER 947														6.08	1.50	1.82	10	.0	0		8	5	2	
ISLAND				67.5										10.96				.0						
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		78.7	66.1	72.4		81	23+	58	28	0	0	0	0	7.84		2.08	12	.0	0		13	4	3	
HONOLULU OBSERV 702.2														7.13		2.08	12	.0	0		8	5	3	
HONOLULU WSO 703 AP	R	80.1	64.6	72.4	.1	84	29+	56	28	0	0	0	0	6.42	2.02	2.57	11	.0	0		7	3	3	
KANEONE MAUKA 781		77.5	66.0	71.8	.7	83	11+	61	19+	0	0	0	0	13.72	5.83	6.00	12	.0	0		16	7	3	
KOOLAU DAM 833	A													24.61		2.89	12	.0	0		17	14	11	
LUALUALEI 804	A	77.9	62.7	70.3		84	28	54	27	0	0	0	0	3.30				.0	0					
MAKAPUU POINT 724														16.50		3.58	11	.0	0		15	10	7	
NUUANU RES 4 783														9.84				.0	0					
OPAEULA 870	A	77.6	61.3	69.5	2.7	83	31	57	28+	0	0	0	0	18.72	7.87	4.78	11	.0	0		15	8	6	
PALOLO VALLEY 718	R																	.0	0					
PRI WAIHANA 820.2	A	M	M	M										8.79				.0	0					
WAIHANA DAM 863	A													8.96				.0	0					
WAIHOLE 837	A													19.44				.0	0					
WAILAEE 896.3		77.3	65.2	71.3		81	22+	61	20+	0	0	0	0	12.10		5.93	12	.0	0		12	4	4	
WAILAUA 847	A	77.9	62.1	70.0	.1	82	29+	56	28+	0	0	0	0	6.95	1.96	3.00	11	.0	0					
WAIKIKI 717.2		80.3	62.7	71.5		84	30+	57	28	0	0	0	0	9.51		4.05	12	.0	0		10	3	3	
WAIMANALO EXP FARM		77.8	65.8	71.8		84	10	59	28+	0	0	0	0	10.93		4.72	12	.0	0		11	5	3	
WAIPIAHU 750	A													6.45				.0	0					
ISLAND				71.2										11.25				.0						
ISLAND OF MOLOKAI																								
KUALAPUU 534	A													3.66				.0	0					
MAPULEHU 542																		.0	0					
MAUNALO 511	A													4.75				.0	0					
MOLOKAI AP 524		77.6	63.9	70.8		83	10	54	28	0	0	0	0	3.19		1.98	12	.0	0		5	2	1	
ISLAND				70.8										3.87				.0						
ISLAND OF LANAI																								
LANAI CITY 672	A	M	M					55	21+				0	10.52	4.58			.0	0					
ISLAND				.0										10.52				.0						
ISLAND OF MAUI																								
HALEAKALA B E S 434	A													10.30		1.96	25	.0	0		16	8	3	
HALEAKALA RS 338		57.9	40.6	49.3	- 1.7	64	25	31	28	0	0	1	0	9.96	1.73	1.67	8	.0	0		13	9	4	
HANA AIRPORT 355		76.8	65.3	71.1		80	21+	60	28+	0	0	0	0	6.98		2.00	8	.0	0		17	3	1	
HONOKOHUA 493	A																	.0	0					
KAAHAPALI AP 453.1		77.6M	63.7M	70.7M		80	24+	53	16	0	0	0	0	4.63		2.92	12	.0	0		7	1	1	
KAHULUI WSO 398 AP	R	79.1	63.5	71.3	-.4	85	9	54	28	0	0	0	0	3.30	-.29	1.99	12	.0	0		8	1	1	
KAILUA 446		M	M	M										10.32	1.21	1.81	8	.0	0					
KEANAE 346	A													24.00				.0	0					
KIPAHULU 258														8.54	-.88	2.92	8	.0	0		13	6	1	
KULA SANATORIUM 267		69.5	53.3	61.4	-.1	77	12	41	29	0	0	0	0	2.80	- 2.84	1.30	12	.0	0		5	2	1	
LAHAINA 361		82.3	64.3	73.3	1.8	85	7+	59	27+	0	0	0	0	2.95	-.75	2.48	12	.0	0		3	1	1	
PAIA 406														3.49	-.52	.93	12	.0	0		11	1	0	
WAILUKU 386	A	M	M	M										4.05	-.83			.0	0					
ISLAND				66.2										7.61				.0						
ISLAND OF HAWAII																								
HAJINA 214		76.5	62.7	69.6	-.1	81	11+	58	19	0	0	0	0	17.45	12.69	5.41	8	.0	0		14	7	7	
HAWAII VOLCNS NP HQ 54		63.8M	49.8M	56.8M	- 1.1	72	13	42	18	0	0	0	0	34.64	24.03	10.52	8	.0	0		10	9		
HILO WSO 87 AP	R	77.6	64.3	71.0	-.2	81	23+	60	28+	0	0	0	0	19.62	10.55	6.74	7	.0	0		17	11	5	
HUEHUE 92.1	A													1.68				.0	0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1975

STATION		TEMPERATURE											PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE		
											30° OR HIGHER	32° OR BELOW	32° OR HIGHER	34° OR BELOW												
HAWAII																										
KAINALIU 73.2 KEAAU 92 KONA (KAILUA) 68.3 KUKUIHAELE HIC 199 KULANI CAMP 79	A	75.4	59.0	67.2		79	11	54	28		0	0	0	0	3.19	- .88	.70	31	.0	0				2	0	
		75.7	61.5	68.6		80	14	58	28+		0	0	0	0	23.34		9.02	8	.0	0		17	12	7		
		80.3M	65.0M	72.7M		83	27+	61	27+		0	0	0	0	1.18		.30	31	.0	0		6	0	0		
		60.8	43.3	52.1		75	25	34	27		0	0	0	0	13.74	6.04	2.30	8	.0	0		15	10	6		
PAHALA 21 POHAKULOA 107 PUAKO 95.1 PUU WAHAA 94.1 UMIKOA 118	A A A A	75.8M	58.6M	67.2M	- 1.9	79	13	54	28		0	0	0	0	26.39		7.60	8	.0	0		14	8	4		
		79.2	64.1	71.7		82	30+	59	18+		0	0	0	0	6.47				.0	0						
															2.18		1.40	13	.0	0		3	1	1		
															3.08				.0	0						
WAIKOA SCD 88.2 ISLAND														21.47	15.49	11.00	8	.0	0							
														40.72		12.81	8	.0	0		20	11	10			
				66.3										17.12				.0								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY
1975

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
											90° OR ABOVE	82° OR BELOW	54° OR BELOW	0° OR BELOW										
PACIFIC																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND FAGA ALU RESERVOIR JOHNSTON WSO AP LEONE FRENCH FRIGATE SHOALS		90.7M	75.6M	83.2M		95	10	72	30		20	0	0	0	.89		.30	30+	.0	0		3	0	0
	R	80.2	72.7	76.5	-.3	81	28+	65	29		0	0	0	0	20.14	- 1.10	3.75	30	.0	0		21	13	6
															1.49		.51	25	.0	0		5	0	0
		M	M	M								0	0	0	0	28.31		6.80	27	.0	0		19	16
LUMA VILLAGE MIDWAY SAND ISLAND PAGO PAGO WSO AP SWAINS ISLAND																								
		71.2	61.1	66.2	.5	80	6+	52	22		0	0	0	0	20.78		5.24	27	.0	0		19	11	7
	R	85.8	75.1	80.5	.2	90	24+	71	4		2	0	0	0	2.90	- 1.77	1.13	24	.0	0		8	1	1
															22.13	- 9.86	6.42	27	.0	0		20	12	7
WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM CLARK AFB LUZON GUAM NAS GUAM WSO MANGILAO		82.2	76.0	79.1	.9	84	1	73	25+		0	0	0	0	7.94	3.07	1.32	19	.0	0		17	3	2
		85.6	70.5	78.1	.3	91	25	63	22		4	0	0	0	1.35	.76	1.18	17	.0	0		2	1	1
		84.0	78.5	81.3	1.9	85	31+	77	30+		0	0	0	0	7.14	2.58	1.66	20	.0	0		17	3	1
	R	83.2	72.6	77.9	.6	85	6	67	25+		0	0	0	0	9.68	4.52	1.34	20+	.0	0				2
ROTA SAIPAN USCG LORAN WAKE WSO AP																								
		85.7	73.7	79.7		87	31+	69	11		0	0	0	0	5.01		.95	1	.0	0				
	R	81.8	70.7	76.3	-.7	85	5+	68	26+		0	0	0	0	.88	- .20	.43	8	.0	0		13	4	0
CAROLINE AND MARSHALL ISLANDS																								
ANGUAR ENIWETOK FALALOP I. ULITHI KAPINGMARANGI ATOLL KOROR WSO																								
		85.4	75.4	80.4	-.7	87	28+	69	31		0	0	0	0	18.54	- 7.85	4.34	22	.0	0		18	12	5
		84.5	75.4	80.0		86	7+	68	22		0	0	0	0	.73	-.37	.15	31	.0	0		2	0	0
	R	86.7	74.9	80.8		90	14+	72	26+		3	0	0	0	13.16		2.45	22	.0	0		20	9	4
KWAJALEIN WSO AP LELE I. KUSAIE MAJURO WSO AP METALANIM MOKIL ATOLL																								
		86.6	74.9	80.8	-.4	91	1	72	22		3	0	0	0	21.96		4.89	26	.0	0		18	11	6
	R	85.9	77.6	81.8	.6	87	28+	74	25		0	0	0	0	17.29	6.50	6.83	22	.0	0		22	10	2
		88.6M	74.7M	81.7M	.2	91	30+	71	18		12	0	0	0										
NGASANG, BABELTHUAP PONAPE WSO SATAWAN ATOLL TRUK, MOEN I. WSO AP WOLEAI ATOLL																								
	R	83.9	76.8	80.4	-.4	85	18+	73	31		0	0	0	0	1.05	- 2.69	.37	2	.0	0		2	0	0
	R	84.5	76.1	80.3		88	23+	71	3		0	0	0	0	14.39	- 1.89	1.84	24+	.0	0		17	10	8
															5.20	- 3.76	1.26	5	.0	0		9	3	2
YAP WSO AP																								
		84.5	76.1	80.3		88	23+	71	3		0	0	0	0	4.48		2.00	1	.0	0		9	2	1
	R	86.9	76.6	81.8	1.2	89	16+	72	3+		0	0	0	0										
															14.21		6.83	23	.0	0		15	8	2
YAP WSO AP																								
	R	85.5	77.6	81.6	.6	88	1	74	31+		0	0	0	0	6.61	- 5.14	2.63	1	.0	0		7	4	2
		87.7	75.6	81.7		89	25+	71	19		0	0	0	0										
	R	85.1	75.0	80.1	-.3	88	28	73	22+		0	0	0	0	3.71	- 4.88	1.22	2	.0	0		8	2	1
YAP WSO AP																								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	9.88	x	x	.35	x	x	.10	.05	.03	.20	3.40	x	x	1.50	.70				x	x	.05											
BRIDESWOOD STA 885	A	11.37	x	x	x	x	1.94	.75	.53	.85	2.20	x	x	.46	.16						x	84	12	30	.04	x	x	04	02	14	90	2.08	
EAST LAKE 934	A	8.44	x	x	x	x	.80	.48	.34	.82	1.77	.38	x	.37	.22					x	.25	.05	07	02	x	x	05	T	09	91	1.82		
ELELE 927	A	6.46	x	x	x	x	1.00	.13	.14	.51	1.53	x	x	.46	.07					x	16	T	04						15	.75	1.63		
HALEUA 1110	A	10.83	x	x	.45	x	.10	.20	.04	.40	3.17	x	x	1.25	1.00					x	15		03	10	x	x	05	20	06	1.90	1.73		
HALENAHAWA 1006	A	12.64	x	x	.76	x	x	.70	.48	.45	.26	2.59	x	x	.76	.52	.02			x	42	02	.56	.01	.06	x	x	18	10	.03	2.31	2.41	
HUKUPO 946	A	6.17	x	x	.12	x	x				1.33			.10						x	.30		.76			x	x			.33	.93	1.63	
ILILUALA INTAKE 1050	A	26.35	x	x	1.73	x	x	1.51	.80	2.00	1.52	4.67	x	x	.49	.96	.04			x	16		.44	.28	x	x	38	18	26	4.34	5.59		
INTAKE MAHINA PC 1086	A	22.69	x	x	.33	x	x	2.97	x	x	2.89	x	x	3.09	2.22	x			x	01	x	x	x	3.98	x	x	17	4	1.74	2.25	2.05		
KANALOHULULU 1075	A	8.60	.07	.12	.04	.07	.02	.05	.08	.39	4.18	13	18	02	.36					02			14		.91	.08	.02	.01		.07	1.29		
KANEHA RESERVOIR 1092	A	16.08	x	x	.67	x	x	.30	.30	.30	.15	1.20	x	x	1.75	1.50	10			x	06		1.70	.65	x	x	90	15	10	1.95	2.30		
KAPPA STABLES 1104	A	9.21	x	x	.40	x	x	.09	.02	.03	.16	3.50	x	x	.32	.69	.02			x	11	02	15	x	x	06	20	03	.92	1.89			
KEALIA 1112	A	9.71	x	x	.37	x	x	.05	.05	.05	.30	3.20	x	x	1.15	.75			x	28			.20	x	x	06	10	06	1.56	1.58			
KEKAHA 944	A	4.52	x	x		x	x	.06	.06	.49	.75	.05	.03						x	10	10		.32	.03		x			.19	.83	1.51		
KILAUEA 1134	A	13.53	.43				.34	.08	.15	.70	7.45	2.23	.84											.14			17	11	.07	1.54	1.27		
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KILAUEA POINT 1133	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KOLO 1033	A	3.82	-	-	-	-	-	-	-	-	-	1.04	.44	.03						-	-	-	.10			.03				.07	.80	.20	
KOLBA 936	A	9.60	x	x	x	x	1.02	.48	.15	1.10	1.48	.69	x	x	.25	.23			x	20			.03	.20	.03	.15	.01	.08	x	x	x	18	
KOLBA MAUKA 994	A	10.88	x	x	x	x	3.22	x	x	x	x	x	x	5.42	x	x	x	x	x	x	x	1.50	x	x	x	x	x	x	74	x	x	x	
KOLOKA RES 1137	A	14.83	x	x	.84	x	x	x	x	x	4.25	x	x	x	x	4.00	x	x	x	x	x	x	x	x	.74	x	x	x	x	x	x	5.00	
KUKUIULA 935	A	7.37	x	x	x	x	.86	.20	.07	.74	1.45	.57	x	x	.25	.10			x	17	.06		.02	.02	x	x	11	.01	11	.82	1.81		
LIHUE VARIETY STA	A	11.65	x	x	.37	x	x	.23	.08	.35	1.24	1.52	x	x	.61	.67			x	32		.40		.14	x	x	.24	.23	2.65	2.70			
LIHUE 1020	A	15.76	x	x	.33	x	x	.31	.03	.21	1.52	2.30	x	x	.32	.21			x	32		.21		.15	.17	.01	17	.01	1.74	2.25	2.05		
LIHUE W59 1020.1 AP	A	14.07	.12	T	.08	.02	.02	.14	.06	.05	3.55	1.06	.12	.23	.90	.01			T	.03	T		T	.30	.01	T	.21	.07	.85	2.78	3.45		
MAKAHUEA POINT 940.1	A	7.31	x	x	.03	.05	.15	.03	.02	.01	.18	1.32	.24	.02	.16	.15							.01	1.40	x	x	.01	.02	.07	1.00	2.01		
MAKAHUEA 985	A	7.17	T	.02	.03	.01	.08	.10	.05	.07	.74	1.02	.15	.05	.10	.01					1.75	.03	.20			x				.21	.00	1.50	
MAKA 1026	A	4.61	x	x	.03	x	x			.26	.49	.06										13								.26	1.11	1.27	
MAHINI UPR CROSS 1083	A	16.35	.09	.53	.53	.09	.27	.44	18	2.84	7.1	.09	.09	.53						09	09	18			.36	1.07	.18		1.24	1.69	4.97		
MAHUA 1145	A	8.16	.11	x	.57	x	x	.14	x	15	x	2.00	x	x	2.10	x	.25						.07	x	.02	x	x	11		.29	x	2.85	
MAUNALEALE 1047	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MTU RIDGE 1035	A	26.95	x	x	2.19	x	x	1.64	.68	1.23	1.47	5.78	x	x	.71	.65	.09	.02	.01	x	17		.63	.02	.54	x	x	31	14	.06	5.24	4.46	
N. MAHUA DITCH 1051	A	12.95	x	x	x	x	1.47	.61	.50	.45	.62	x	x	2.47	1.47	.01								T	.36	x	x	.81	.05	.07	2.34	1.72	
PRINCEVILLE RANCH 1117	A	-	x	.35	.18	x	x	.58	.38	.22	.64	.36	x	x	2.38	.56	.07							.14	x	x	x		.31	.46	x	T	
PUEHU RIDGE 1040	A	6.40	x	x	.08	x	x					1.30	.17		.07								.08		1.42						17	.05	1.70
PUIHI 1013	A	7.92	x	x	x	x	.41	.32	.01	1.10	1.35	x	x	1.22	.15					x		.02	T		.10	x	x	12	.08	.06	.90	2.08	
WAIHANA 930	A	7.35	x	x	x	x	.74	.15	.57	.40	.42	x	x	.55	.07					x	.26	.02								13	.74	1.59	
WAIHANA LOWER 1054	A	15.76	.26	.13	.33	.47	.22	.37	.17	1.00	.13	2.69	.72	.19	.38	.10	.10	T								.07	.10	.02	.02	.23	.03	1.47	3.70
WAIHANA UPPER 1052	A	21.61	.56	.42	.34	.67	.47	.44	.49	1.86	.37	.12	.56	.11	.03	1.12	.09							.16	.14	.20	.40	.12	.04	.05	.27	1.73	5.65
WAIHANA 943	A	5.28	x	x	.02	x	x			.38	.20	.10			.05								.02		.01						.28	.93	1.46
WAILUA KAI 1065	A	11.59	x	x	.13	x	x	.26	.03	.16	.36	3.64	x	x	1.03	1.05	.03	x	x	74	.04	.02	.18	x	x	x	x	.47	.33	.02	1.16	2.30	
WAIHANA 947	A	6.08	x	x	.07	x	x			.64	1.82			.16									.54							.23	.96	1.44	
WEST MAHUA 931	A	7.86	x	x	x	x	x	.88	.34	.07	.78	1.50	x	x	.62	.06			x	x	50	.10	.04	T	T	x	x	.03	T	.10	.83	1.90	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA	A	8.88	.09			.04	.05	.23	.41	.16	.09	.06	2.60	2.40	.18	.15																	
CAMPBELL JND PK 702.5	A	6.29	x	x	.10	.01	x		.01	.59	.30	1.76	1.48	.16																			
CAMP 84 807	A	7.41	x	.04	x	x	x	.12	.02	.17	.27	.33	x	4.91	.01	.01	x																
CHURCH COLLEGE LAKE	A	7.04	.01	T	T	.02	.21	.04	.10	.22	.38	.36	1.52	2.08	.38	.10	.10	T															
CONDUIT ISLAND 840.1	A	11.63	.04	.03	.01	.05	.17	.06	.16	1.79	6.80	13	.22	.10	.11																		
EWA PLANTATION 741	A	5.58	x	x	.02	x	x	.02	.04	.79	.76	x	x	2.37																			
HALEMANA INTAKE 881	A	8.41	x	x	x	x	x	2.35	x	x	x	x	x	3.55	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.25	x	x	4.9	
HOKULUA 725.2	A	12.65	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.38	
HONOLULU OBSERV 702.2	A	7.13	T	T	T	.10	T	T	.06	.86	.78	1.34	2.08	.30	.03					7.20	x	x	x	x	x	x	x	x	x	x	x	4.8	
HONOLULU W58 703 AP	A	6.42	T	.07	T	.04	.01	.13	.28	.05	.17	2.57	1.48	.02	.01																		

HAWAII AND PACIFIC
JANUARY 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KALAPANA NO 1 67.8	19.23	.15	.16	.20	.91	.63	2.53	.27	6.77	1.14	.26	.10	T	T	T	.32	T	.50	T		13	1	15	.04	T							1.69	
KAPAPA NO 2 5	13.03	x	x	x	x	.70	x	x	x	x	x	10.45	x	x	x	x	x	x	x	x	88	x	x	x	x	x	x	x	x	x	x	1.12	
KAPAPA 192.2	4.04	x	x	x	.03	.05	x	.14	.47	.37	.02	.03	x	x	x	.70	.20	.02	.01	.02	x	x	x	.03	x	x	x	x	x	x	x	x	
KAPAPA RANCH 36	23.95	x	x	x	x	1.80	x	x	x	x	x	x	20.00	x	x	x	x	x	x	1.65	x	x	x	x	x	x	x	x	x	x	x	x	
KAPAPA LANDING 93.5	10.95	x	x	.62	x	x	x	x	x	x	6.29	x	x	x	x	x	x	x	x	63	x	x	x	x	x	x	85	x	x	x	x	x	
KAWAII LOWER 193	20.45	x	x	.15	x	x	x	x	x	x	7.30	x	x	x	x	x	x	x	.38	x	x	x	x	x	x	1.70	x	x	x	x	x	8.92	
KEARU 92	23.34	.19	.06	1.10	.65	1.65	.94	1.28	9.02	3.34	1.01	x	x	x	.05	.05	.10	.02	.76	.10	.01	x	x	x	x	x	30	.79	x	x	21	58	1.13
KEHENA 181.2	22.75	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	22.75	x	x	x	x	x	x	x	x	x	x	x	x	
KILOKAA A & F 6	27.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	27.40	
KIPA 88.2	47.73	.19	.05	1.05	1.46	4.55	3.25	4.5213	28.8	1.15	1.50	.04	.08	.11	19	.01	.05	.17			.08	.05			35	23	.19	.19	.20	36	4.85	2.58	
KOHALA MAULILI 176	13.77	x	x	.13	x	x	2.55	2.26	.07	1.34	2.40	.65	.11	.06	.01																		23
KOHALA MISSION 175.1	11.70	.03	.53	1.07	.05	2.63	1.86	.95	T		.67			.83	1.18	.05	.02	T														21	
KOIAKE LOWER 196	9.73	.05	x	x	x	x	x	x	x	x	5.40	x	x	x	x	x	x	1.20	x	x	x	x	x	x	x	x	x	x	x	x	x	2.80	
KONA (KAILUA) 68.3	1.18							.13	.25		x	x		.03	.24						T	.71										.30	
KONA VILLAGE 93.8	1.26						.02	.02	.03					.45	.02							.05											.22
KUKAIUA 222	26.68	.29	2.40	2.49	1.02	4.34	8.88	3.10	.01					31	.87	.01	23	.11		.02	.05											37	
KUKUIHALE HIC 199	13.74	.03	1.20	.98	.25	2.27	2.30	1.25						11			90	1.16	.16	76	.16											23	
KUKUIHALE MILL 206	12.57	.01	x	x	2.40	2.26	2.82	.93	x	x	11			94	.86	.22	54	.01	x	14													.25
KULANI CAMP 79	41.68	10	.03	.57	2.25	4.75	2.65	4.3012	.00	6.85	.75	.02	.05	.60	.69	.02	.04	.05														2.40	
KULANI MAUKA 76	22.60	.30	1.80	1.15	.95	4.4011	.50							.80																		1.00	
KULANI SCHOOL SITE 78	27.10	x	x	x	4.30	x	x	x	x	x	22	.45	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
LAINAHU 68.2	2.18	-	-	-	-	-	-	.11	.12	.22	-	-	.14	-	.18	-	-	-	-	-	.08	-	-	-	-	-	-	-	-	-	-	-	.91
MAKAHALU 103	5.86	x	.01	-	-	-	-	-	.10	.50	T	-	-	-	x	x	.80	x	x	x	.40	T	-	-	-	-	-	-	-	-	-	-	-
MAUKA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAUKA KEA OBS 111.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAUNA LOA SLOPE OBS	7.15	-	-	-	.17	.13	.01	.28	3.28	.24	.03	.01		.05	.39					.01	.09											1.89	
MIDDLE HOLUALOA 68.1	1.82	x	x	x	x	x	x	x	x	x	.73	x	x	.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MIDDLE PEM 147.1	1.68	x	x	x	x	x	x	x	x	x	.80	x	x	.55	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.33	
MOHOLA 18	17.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	17.10	
MOUNTAIN VIEW 91	39.46	.20	.06	1.14	1.61	4.11	2.33	4.0114	.45	4.48	.85	.05		.11	.05	.03	.32		.01	.20	.12	.01										1.70	
NAALEHU 14	24.03		.02		.77	.10		.05	9.97	4.05	.78	.15		.38	.06	.20	.19	.16	.08		.05												3.26
NAPOOHOO 28	2.39	x	x	x	x	x	x	x	x	x	1.47	x	x	x	x	x	x	x	x	x	.62	x	x	x	x	x	x	x	x	x	x	x	
NIILU 179	14.25	x	x	.04	x	x	1.84	2.69	2.64	.68	x	x	x	2.96	1.46	.19	.04	.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	21
OKALA 223	24.82	.02	.40	1.25	1.69	1.08		2.39	8.24	4.80	.01	T		.97	1.37	.02	.22	.07	.04	.02													.85
OPHIHALE 2 24.1	4.68	T						1.51	.58		.13	.20	T	.10	T	T	.04	T	T	.84	.24	.01	.07	T								3.36	
ORCHID LAND EST 91.5	27.38	x	x	2.90	x	x	x	x	x	x	19.59	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PARAHU 217	14.27	x	x	.05	x	x	2.97	1.91	5.83	.89	x	x	x	.56	.09	.37	.07	.02															15
PARULO 221	25.35	.22	2.68	2.02	.78	4.19	9.18	2.56	.01		.76	1.11	.03	.13	.08																		21
PAHALA 21	26.39	.01	.61	.08				.12	7.60	7.08	.73	.08	.01	.04	.27		.63	.70	.07														4.22
PAHUA 65	20.94	.18	.05	1.04	1.03	2.63	1.49	.60	6.30	2.40	.40	.11		.05	.08		.06	.08		.03	.71	.10	.05	.06	.10	.28	.72		.05	.40	.57	1.35	
PAKAO 37	23.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	23.40	
PAPAIKUBU 144.1	26.35	.48	.03	1.17	.81	1.96	1.07	1.5210	57	3.25	1.12	.02	.04	.11	.46	.06	.01	.19		.01	.05												95
PAPAIKUBU MAUKA 140.1	47.08	.25	.04	1.71	2.00	4.30	2.48	3.6614	70	6.45	1.62	.03	.04	.28	.59	.01	.07	.27		.02	.05											2.32	
PIJINAHU 89	57.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	57.60	
POWAKULA 107	6.47	.13	x	x	x	x	x	x	x	x	6.00	x	x	x	.34																		
PUAKO 95.1	2.18	T	T	T	T	T	T	T	.09	.04	T	T		1.40	.43																		2.22
PUU KIME 120	23.09	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	23.09	
PUU LAHU 102.1	2.84	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.84	
PUU LEHUA 73	2.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.00	
PUU MALI 113	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND		.89		.01	.07	.05			.01		T	.01						.01																
FAGA ALU RESERVOIR		20.14	.50	.90		.15		.20		.25		.50	.30		.07	.20	.30				.15	2.26	.15		.50		.01	1.50	2.70	1.53	1.92	3.75	.12	
JOHNSTON WSO AP	R	1.40	.08			.04	.01	.20		T		.50	.30		T	.03	.29							.06	.13	.04	.31	T		.13	.30	T	.50	
LEONE		28.31	1.00					1.10	.10	.60	T	.07	1.60		1.00	.16		2.05	T			1.30	1.25		.85	2.00	1.60	6.80	1.16	1.03	3.06	1.10		
FRENCH FRIGATE SHOALS		3.62		.04				.06				.11						.08				.32	.24		.66				1.17	.29	.21	.44		
LUMA VILLAGE		20.78	70	.09	65		19	.22	.16	.45		.50	.30	.02	.08	2.27	.72		.06	.04	.09	.11	.38		.01	1.12	1.14	5.24	2.31	1.94	1.67	.32		
MIDWAY SAND ISLAND		2.80					.02	.21	.14	.05		.11	.05	.18	.09	.04	.05	.31		.14	.02		.08	1.13		.06			.03	.02	.17	T	.55	
PAGO PAGO WSO AP	R	22.13	31	14	.84		T	.24			.02	.55	.35	.03	.53	.05	1.09	.17	.12		T	.07	.15	T	1.19		T	2.03	.88	1.77	6.42	3.17	.38	1.04
SWAINS ISLAND																																		
WESTERN PACIFIC ISLANDS																																		
NORTH OF 12 N																																		
ANDERSEN AFB GUAM		7.94	.08	.01	.01	.37	.02		.36	.01	.48	.12	.01	.40	.58	.42	.42	.26		.37	1.32	1.15	.28		.03	.43	.02	.31	T	.25	.08	.14	.01	T
CLARK AFB GUAM		1.35	T									T			.01	1.18						T						.16					T	
GUAM HAS		7.14	.92	.04	.03	.48	.20		.16	.02	.26	.01	.01	.22	.27	.15	.41	.33		.20	.72	1.66	.18		.06	.09	.02	.29	T	.25	.04	.11	T	.01
GUAM WSO	R	9.68	.56	.08	.09	.44	.03	T	.28		.65	.08	.11	.60	.88	.44	.41	.21	T	.52	1.34	1.34	.34		.02	.24	.02	.31		.50	.16	.02	.01	T
MANGILAO		7.57	.71	.01	T	.23	.45	.08	.07	.08	.07	.15		.02	.70	.03	.56	.36	.21	.03	1.1	1.68	.32		T	.14	.02	.06	.05	1.04	.10	.06	.23	
ROTA																																		
SAIPAN USCG LORAN		5.01	.95	.12	.58	.04	.03	.03		.09	.14	.16			.09	.27	.05	.06	.05										.09	.02	.57			
MAKE WSO AP	R	.88	.05	.01	.01			.13	T	.43	.14	T	T			.01		.01	T									.01	T	.02	.03	.03		.03
CAROLINE AND MARSHALL ISLANDS																																		
ANGUAR		18.54	2.56	2.13	.35	.50	.02		.04				.91		1.37	.54		.36	.18		.52	.37	.65	4.34	.22			.08	.72	1.67	.42		.55	
ENIWEATOK		.73	.12	.03	.01		.06		.01			.01	.06		.07	.02	.09		.05		.05				.01						.04		.15	
FALALOP I. ULITHI		13.16	.70	.30	.02	.13	.41	.26				.13	.10	.03	.03	.29	.65	.60	.59		.12	.21	1.99	2.45	1.61		1.06	.36	.71	.28	.08		.05	
KAPINGMARANGI ATOLL		21.96	.52	.85		.11	.22		.05	.73	.52	.26	3.45	.07	1.01	.22	.30	1.81						4.6	1.98		3.30	4.89	.95	.08			.17	
KOROR WSO	R	17.29	.01	.84	.20	.29	.70	.52	.07		.02	.83	.15	.45	T	1.44	.70	.19	.27	.55	.49	.25	.24	6.83	.62	T			.42	.88	.03	.02	.14	.14
KUJALEIN WSO AP	R	1.05	.03	.37	.06	.02	.01	.06		.05	T			T		T		.02		T	T			.01	T	T	.35	T	T	.06	.06	.01	T	
LELE I. KUSAIE		14.39	.36	1.36		.66	.16	.30	1.02	.36		.10		.06	1.84	.06	1.29	.02	.80		1.12	.08	1.10	.08	1.84		.16	.40	.06			.10	1.10	
MAJURO WSO AP	R	5.20	.07	.32	.09	.01	1.26	.44	.09					.10	T	T		.33	.01		6.9	1.24			.02	T	T	.10	.09	T	T	.03	.21	
METALAHIM		4.48	2.00	.58	.33	.01	.10		.35	.06					.08	.06	.12	.05	.14	.01		.01	.08		.08				.02	.01	.01		.26	
MOIKI ATOLL																																		
NOOSANG-BABEL THURP		14.21								.01	.03	.58	.08	.13	.08	.03	.68	.36	1.00	.14	.93	.80	.82	.26	6.83	.27			.50	.41			.27	
PONAPE WSO	R	6.61	2.63	1.69	T	.27	.01	.53	.64	T		.09			.07	.02		.03			.12	.05		.02	T	T		T	.01	T	.01		.36	
SATAVAN ATOLL																																		
TAUK, MOEN I. WSO AP	R	3.71	1.1	1.22	.46	.02	.01	T	.06	.02	T	T	T	.02		.46	.13	.22	.06		T		.70					.02	.02		.06		.12	
MOLEAI ATOLL		5.22	.04	.12				.61		.06	.05				.07	.63	.10				.51	.19	.17	.10	1.97		.16	.07		.17				
YAP WSO AP	R	19.48	.03	.39	.25	.11	.57	.22	T	T	.11	.50	.09	.10	.25	1.00	.59	.47	.33	1.08	1.85	7.38	2.54	.28		.46	.09	.37		.14	.01	.27		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JANUARY 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
■ ■ ■																																		
ISLAND OF KAUAI																																		
KANALOHULUHULU 1075	MAX MIN	63 53	65 50	64 53	63 54	62 53	62 53	65 53	64 54	61 54	66 57	63 53	62 54	61 50	62 51	65 41	62 41	62 43	67 49	65 47	65 53	62 49	60 42	64 41	57 44	58 50	59 49	64 46	63 42	50 45	59 53	60 54	62.4 49.4	
KILAUEA POINT 1133	MAX MIN																																	
LIHUE WSO 1020.1 AP	MAX MIN	79 72	80 73	80 70	79 73	79 72	79 70	79 74	78 73	77 70	77 70	76 69	74 68	73 66	78 67	77 64	79 62	80 64	81 66	80 66	82 66	82 70	82 66	80 66	80 66	74 69	78 70	76 65	74 62	78 63	78 68	73 65	75 69	77.9 68.0
MAKAHUEA POINT 940.1	MAX MIN		76 66	70	80 72		72 56	71 59	78 69	72	74 68	74 69	77 69	71 67	81 66	71 66	74 66	74 66		78 70	82 69	78 65	82 65	73 65	80 67			69 61	69 61	72 65	70 65	68 64	74.6 65.8	
MANA 1026	MAX MIN	83 62	84 60	83 61	84 60	82 61	85 61	83 61	84 61	81 65	80 69	81 67	81 65	82 64	80 62	81 62	82 54	83 52	83 52	83 65	83 65	83 65	85 65	82 61	84 65	84 65	82 62	82 60	82 59	81 61	83 61	76 64	75 62	82.0 62.8
NIU RIDGE 1035	MAX MIN	79 60	77 59	78 56	78 58	80 59	79 57	78 57	79 58	78 60	80 61	78 60	79 59	78 58	78 55	79 56	80 56	81 60	78 60	75 58	80 65	81 62	79 60	80 61	81 60	78 57	80 60	78 57	77 57	73 53	73 53	76 60	75 58	78.2 58.0
WAIHAI LOWER 1054	MAX MIN	76 65	76 63	76 63		76 66	76 64	75 64	73 64	76 66	76 66	79 63	71 64	74 61	76 58	78 56	76 55	78 56	78 57	79 58	80 65	80 59	78 58	79 58	75 63	73 60	73 60	75 58	78 55	74 60	74 60	72 61	76.0 61.0	
■ ■ ■																																		
ISLAND OF OAHU																																		
CHURCH COLLEGE LAIE	MAX MIN	79 70	80 70	80 69	79 71	79 69	76 68	78 68	76 68	80 69	78 66	76 65	78 66	77 65	75 69	79 62	79 62	81 60	80 60	80 60	81 60	81 61	81 63	81 66	81 68	80 68	73 69	76 69	80 62	79 58	80 73	78 66	79 69	78.7 66.1
EWA PLANTATION 741	MAX MIN			83 62			81 68	81 68	81 67	79 67	81 67			81 63	80 64	79 59	80 60	79 60				81 60	82 61	82 61	82 61			78 59	78 58	81 58	82 64	77 65		
HONOLULU WSO 703 AP	MAX MIN	82 68	82 69	80 69	82 71	80 70	82 68	82 68	81 67	82 67	82 72	76 68	77 67	80 63	81 64	78 60	78 61	78 61	78 61	79 60	81 60	84 62	84 63	84 62	77 62	78 68	77 61	81 56	84 64	74 66	79 67		80.1 64.6	
HONOLULU SUBSTA 704	MAX MIN		77 69	77 71	77 69	75 68	77 68	75 67	76 68	80 68	79 71	75 67	73 67	79 68	76 68	78 66	76 66	79 67	77 68	78 66	79 66	81 67	81 68	79 68	73 66	74 67	74 66	77 66	80 64	80 69	74 65	78 65	77.0 67.4	
KANEHE MAUKA 781	MAX MIN	76 69	77 69	78 68	75 69	76 71	75 70	76 67	76 68	76 67	83 69	83 69	78 66	70 61	78 64	74 62	76 65	79 63	81 64	80 61	82 65	81 64	81 65	80 66	80 67	79 68	71 63	75 69	75 65	77 63	79 64	76 65	76 65	77.5 66.0
LUALUALEI 804	MAX MIN	80 68	78 67	76 67	78 66	78 68	79 67	78 66	76 66	82 66	76 67	69 64	74 63	81 60	80 68	78 58	79 58	79 57	81 56	81 55	82 56	80 60	80 58	81 63	74 67	74 65	78 54	78 65	77 57	84 58	80 68	70 64	74 65	77.9 62.7
MAKAPUU POINT 724	MAX MIN																																	
OPAEULA 870	MAX MIN	75 64	76 62	74 61	71 64	74 64	74 66	75 65	75 63	75 60	75 63	74 65	80 65	80 63	80 64	80 63	80 62	80 59	77 60	76 59	82 59	82 58	82 57	82 59	82 59	82 59	67 60	68 64	82 57	82 57	82 58	82 60	83 61	77.6 61.3
PRI WAHIAWA 820.2	MAX MIN		78 63			76 61	77 62	76 64	75 63	80 63				76 61	76 63	77 56	80 56	79 56			81 56	82 57	80 56	81 57	79 59		74 57	80 55	82 54	79 59	69 64			
WAIALEE 896.3	MAX MIN	76 63	77 68	79 62	76 69	72 68	78 67	77 67	79 63	75 64	79 69	77 69	73 67	72 66	77 67	76 66	79 63	80 62	80 62	81 61	81 61	81 63	81 65	80 66	80 68	70 67	76 66	76 63	79 63	79 63	79 66	71 66	77.3 65.2	
WAIALUA 847	MAX MIN	80 62	80 61	80 64	80 68	78 68	80 69	78 69	79 67	76 65	78 65	72 68	70 62	75 63	77 64	78 58	79 58	80 59	82 60	82 60	81 60	81 56	82 57	82 59	82 59	70 61	74 62	75 58	77 56	82 58	81 65	71 65	77.9 62.1	
WAIKIKI 717.2	MAX MIN	81 67	82 64	81 65	80 66	78 66	79 65	79 67	80 67	80 65	83 67	82 66	77 64	78 61	81 63	81 58	81 60	80 59	81 59	81 58	81 58	82 60	82 61	83 61	83 62	79 64	77 62	77 63	79 57	81 62	84 64	73 64	80.3 62.7	
WAIMANALO EXP FARM	MAX MIN	80 71	79 69	79 69	79 70	77 68	78 67	77 68	77 67	78 68	84 69	79 69	73 65	72 64	77 66	76 65	77 54	77 59	82 61	78 60	81 62	80 63	79 66	79 68	80 69	78 67	75 68	75 65	76 59	78 60	78 67	74 67	77.8 65.8	
■ ■ ■																																		
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN	75 68	80 69	80 64	78 69	78 67	78 67	79 69	78 69	79 66	83 66	80 69	71 67	74 66	72 63	76 62	75 60	78 61	79 59	77 60	81 59	79 61	80 62	79 65	81 65	77 65	76 66	75 57	75 60	81 57	81 65	71 64	77.6 63.9	
■ ■ ■																																		
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN	78 59	76 54	75 62	76 61	77 60	76 60	78 62	75 62	73 64	76 64	78 63	75 62	77 60	76 59	75 60	77 58	74 56	74 55	75 55	76 56	75 59	77 59	75 60	76 63	76 60	71 56	71 54	74 52	77 54	76 64	69 61	75.3 59.2	
LANAI CITY 672	MAX MIN			58			56	57	58	57	58			57		59	55	56			55	55	57	59	58			56	58	58	59			
■ ■ ■																																		
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	60 41	63 42	61 44	52 40	50 41	52 41	54 42	54 42	51 46	60 46	59 44	60 46	55 45	55 36	59 38	63 42	63 40	62 40	62 37	59 42	58 40	59 39	58 38	59 43	64 42	60 35	59 36	57 31	54 34	59 41	54 46	57.9 40.6	
HALEAKALA SUMMIT 338.4	MAX MIN					52 30	41 30	40 31	44 34	49 37				49 34	43 32	54 33	51 39	53 36			53 35	49 35	46 36	47 33			48							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JANUARY 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX						75	69	68	68				78	73	74	72	73			76	75	75	75	74			74	73	75	75	71	
	MIN						64	65	64	63	63			63	63	62	61	59			67	60	60	62	62			60	60	61	65	64	
KEAWAKAPU BEACH 260.2	MAX	81	82	82	83	86	85	83	79	76	82	82	88	80	82	82	81	78	83	82	81	82	83	83	81	85	78	79	80	81	82	74	81.5
	MIN	60	58	61	60	60	60	64	63	63	67	65	66	62	63	61	60	60	59	60	63	63	59	59	61	63	59	55	56	58	68	65	61.3
KULA SANATORIUM 267	MAX	74	71	69	69	72	70	72	65	67	70	72	77	70	69	70	68	67	69	71	72	68	68	67	68	70	68	66	69	68	72	66	69.5
	MIN	53	50	51	55	54	55	53	54	55	58	59	60	56	55	54	54	54	50	51	52	54	54	53	54	54	49	48	48	41	53	61	53.3
LAHAINA 361	MAX	83	83	83	85	84	85	85	79	83	84	80	82	83	82	82	80	81	82	81	82	81	84	83	83	83	80	79	80	84	83	83	82.3
	MIN	64	64	66	64	65	67	70	67	66	66	67	66	66	62	64	64	63	61	62	65	64	65	63	63	65	59	59	61	60	68	66	64.3
WAILUKU 386	MAX						82	77	74	75	84			81	76	76	75	75			78	80	78	78	78			77	76	76	82	73	
	MIN						64	66	64	63	64			65	63	64	64	61			58	62	62	67	66			62	58	59	60	66	
ISLAND OF HAWAII																																	
HAINA 214	MAX	77	77	78	77	72	72	73	68	71	81	81	80	77	78	78	79	76	76	78	80	77	79	77	75	77	71	74	76	80	80	75	76.5
	MIN	64	64	65	64	64	64	63	63	63	65	66	64	64	61	63	63	60	59	58	62	62	63	63	63	64	62	61	59	60	64	65	62.7
HAWAII VOLCNS NP HQ 54	MAX	66	64	59	57	58	58	58	57	58	60	70	70	72	67	68	67		68	69	64	65	67	68	67	65	60	62	65	60	60	58	63.8
	MIN	49	51	50	52	51	52	52	52	52	53	54	53	55	45	46	49		42	49	48	48	49	49	51	52	48	45	45	51	51	51	49.8
HILO WSO 87 AP	MAX	79	78	79	74	78	74	70	75	74	81	81	79	81	79	78	78	79	81	80	79	81	81	81	80	75	77	78	76	75	74	71	77.6
	MIN	64	64	66	67	67	66	66	67	68	67	67	62	64	61	64	66	61	60	63	62	62	63	64	63	65	64	64	60	65	66	66	64.3
KAINALIU 73.2	MAX	76	77	77	77	78	77	76	77	68	77	79	76	75	75	76	73	75	76	77	75	76	75	76	74	76	76	75	72	74	77	68	75.4
	MIN	58	57	59	58	59	59	59	59	60	63	64	62	61	58	58	58	56	57	58	60	58	59	59	59	59	56	58	54	58	64	62	59.0
KAMUELA 192.2	MAX	72	70	68	70	67	68	68	67	64	75	76	77	69	70	74	75	74	75	73	73	75	74	75	75	73	73	72	72	73	75	75	72.2
	MIN	45	48	57	55	57	58	55	56	54	55	55	58	56	49	52	58	52	42	45	49	46	56	53	42	41	42	53	46	44	43	44	50.5
KEAAU 92	MAX	78	76	76	76	71	75	74	69	72	72	79	79	79	80	78	74	78	77	79	74	75	78	78	77	78	71	75	77	75	74	73	75.7
	MIN	61	60	63	64	64	64	64	63	65	63	62	60	61	60	59	62	62	58	62	60	59	59	61	62	62	61	62	58	59	63	63	61.5
KOHALA MISSION 175.1	MAX	77	75	74	72	72	74	71	68	69	79	80	79	76	77	74	76	76	77	77	78	77	76	77	76	74	69	73	71	77	78	74	74.9
	MIN	66	65	65	63	63	63	63	63	63	65	65	65	62	57	62	62	59	57	57	62	60	60	63	64	64	61	61	59	59	63	64	62.1
KONA (KAILUA) 68.3	MAX	81	81				81	80	81	72	82			83	80	81	80	79			81	82	81	82	82			83	79	80	82	73	80.3
	MIN	64	65				67	68	64	64	67			67	61	63	64	64			65	66	66	65	65			61	64	65	68	67	65.0
KULANI CAMP 79	MAX	59	60	59	60	58	52	53	53	55	59	60	64	70	63	64	64	63	62	63	62	62	63	67	62	75	60	55	61	58	59	60	60.8
	MIN	41	40	47	47	43	47	48	38	49	49	52	48	50	42	43	40	40	37	44	40	42	40	40	44	48	42	34	35	43	42	47	43.3
MAUNA LOA SLOPE OBS	MAX	45	46	41	37	34	39	36	36	53	54	50	44	43	45	48	46	47	46	44	42	38	41	43	41	41	44	45	45	44	39	38	43.1
	MIN	30	29	27	27	27	26	31	32	36	37	37	36	30	29	30	30	30	28	28	27	28	26	26	26	27	24	25	26	30	34	30	29.4
MOUNTAIN VIEW 91	MAX	75	75	75	69	69	69	66	63	66	68	77	77	77	76	76	72	76	77	77	77	69	76	77	74	74	74	74	75	71	69	66	72.8
	MIN	56	56	56	59	59	59	60	59	61	61	60	60	60	55	55	58	55	53	53	53	55	55	56	56	56	56	56	54	57	60	59	57.0
NAALEHU 14	MAX						77	75	72	78	72			80	80	78	76	77			77	76	76	77	76			78	77	75	76	67	
	MIN						63	62	62	63	64			65	58	64	63	62			60	63	63	62	61			58	61	62	63	61	
OOKALA 223	MAX	80	77	81	72	71	74	71	68	70	78	78	79	76	76	76	74	75	71	70	78	78	77	77	77	77	69	74	76	80	78	73	75.2
	MIN	64	65	65	63	63	63	63	63	64	66	66	66	66	63	63	64	62	54	54	60	62	62	63	63	64	62	63	62	60	66	65	62.9
OPIHIKALE 2 24.1	MAX	75	76	77	76	76	78	74	68	75	77	73	77	77	77	76	76	79	76	76	76	75	77	74	78	75	75	76	75	78	69	76	75.6
	MIN	56	55	56	56	57	59	59	58	59	62	60	57	55	56	61	55	55	56	57	57	55	55	56	57	56	56	55	55	56	60	62	57.1
PAHALA 21	MAX	78			78	75	76	76	74	68	74	77	78	79	77	78	77	76			77	74	76	77	77			78	77	77	75	67	75.8
	MIN	61			61	60	61	61	61	61	61	62	59	59	57	56	59	59			55	57	57	56	56			55	54	55	62	60	58.6
PUAKO 95.1	MAX	79	79	79	81	80	81	82	78	73	82	80	82	76	77	81	78	79	79	78	78	80	79	80	78	82	81	80	77	80	82	75	79.2
	MIN	62	62	62	64	70	70	72	65	65	67	68	69	65	59	61	62	60	59	61	62	62	62	65	67	68	64	63	60	61	63	66	64.1
UPOLU POINT USCG 159.2	MAX	78	78	76	76	76	71	75	70	72	82	80	81	80	80	78	78	80	79	80	80	80	78	79	79	85	77	76	76	79	80	75	77.9
	MIN	67	67	68	66	67	66	65	68	67	70	70	69	66	67	66	66	67	63	66	66	66	66	66	66	66	67	66	63	65	69	68	66.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JANUARY 1975

STATION		DAY OF MONTH																															AVERAGE		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
PACIFIC																																			
■ ■ ■																																			
EAST OF 180TH MERIDIAN																																			
CANTON ISLAND	MAX MIN	92 76	94 74	94 74	90 74	94 76	92 76	90 77	91 78	93 76	95 76	92 78	92 77	92 76	92 76	92 75	92 76	92 75	91 76		89 73	89 75	88 75	87 76	88 73	88 74		90 78	90 76	88 76	88 72	84 78	90.7 75.6		
JOHNSTON WSO AP	MAX MIN	80 72	81 76	81 77	81 71	80 73	81 76	81 76	80 75	81 75	81 75	77 74	77 69	79 71	81 74	81 73	81 74	81 73	80 74		80 72	81 73	81 74	80 70	80 72	80 75	79 71	80 74	80 71		81 69	76 65	79 69	80 70	80.2 72.7
LEONE	MAX MIN																																		
FRENCH FRIGATE SHOALS	MAX MIN	82 69		83 64			84 70			82 68	80 65	78 64	73 63	76 67	81 64	79 70	80 66					82 63	80 63	84 70	80 68	83 64	83 64			78 67		77 64	76 67		
MIDWAY SAND ISLAND	MAX MIN	76 67	79 68	79 70	80 70	80 70	80 67	78 59	64 58	64 56	67 58	71 60	75 66	77 72	78 65	72 63	72 60	68 60	67 57	75 60		73 65	75 60	72 55	67 52	66 54	70 58	62 57	63 58	63 57	66 56	68 56	65 58	68 62	71.2 61.1
PAGO PAGO WSO AP	MAX MIN	89 75	86 75	85 74	87 71	86 72	85 77	85 79	85 75	86 77	88 75	87 75	87 76	86 74	86 75	85 75	88 73	88 73	89 73		86 74	87 74	84 75	87 74	90 74	90 76	83 75	83 75	80 76	82 76	84 78	82 79	84 77	85.8 75.1	
SWAINS ISLAND	MAX MIN																																		
■ ■ ■																																			
WESTERN PACIFIC ISL. NORTH OF 12 N																																			
ANDERSEN AFB GUAM	MAX MIN	84 77	83 78	82 78	81 77	83 78	83 77	83 78	81 77	81 74	83 75	82 76	81 76	83 73	80 75	81 75	83 76	82 75	83 77		80 75	80 74	83 77	81 77	83 76	83 76	83 77	83 75	82 75	81 76	83 76	82 78	82.2 76.0		
CLARK AFB LUZON	MAX MIN	88 72	88 72	86 70	84 70	84 68	82 66	88 66	88 72	90 72	88 72	84 73	84 72	84 72	82 70	88 70	88 72	84 70	84 72		81 70	79 70	82 66	86 63	84 70	86 70	91 72	90 72	84 72	86 72	84 70	88 73	85.5 70.5		
GUAM NAS	MAX MIN	85 79	85 81	84 79	83 77	84 80	84 80	85 79	85 79	84 79	85 78	85 78	85 79	84 78	82 79	84 79	84 78	85 78	84 78		84 78	81 77	83 78	84 79	83 80	84 79	84 78	84 77	84 79	85 78	84 77	85 78	84.0 78.5		
GUAM WSO	MAX MIN	84 73	84 72	84 74	83 72	84 75	85 75	83 73	84 75	83 72	84 73	83 71	83 74	83 72	82 73	82 73	83 73	84 67	83 73		81 73	80 72	84 72	83 74	84 73	83 73	83 67	84 74	83 72	84 71	83 72	84 77	83.2 72.6		
SAIPAN USCG LORAN	MAX MIN	86 74	86 73	86 76	86 74	86 74	84 75	86 75	87 73	85 74	85 73	86 74	86 72	85 69	84 72	85 72	86 73	86 73	87 77		84 75	86 73	86 73	87 73	85 74	84 72	87 79	86 78	86 76	86 75	85 71	86 74	87 75	85.7 73.7	
WAKE WSO AP	MAX MIN	83 71	83 71	85 74	84 73	85 74	84 70	83 72	83 69	74 68	81 71	84 72	83 72	83 74	83 70	82 70	80 71	80 71	82 68		83 70	82 70	83 71	82 68	80 70	82 71	82 70	81 70	79 68	81 70	81 71	80 70	79 71	81.8 70.7	
■ ■ ■																																			
CAROLINE AND MARSHALL ISLANDS																																			
ENIWETOK	MAX MIN	87 75	86 74	85 76	85 77	85 77	86 75	86 77	86 74	85 76	85 74	86 74	86 77	86 77	85 75	86 75	86 74	85 75	85 74		85 75	85 77	86 78	85 76	85 77	85 76	85 75	85 76	85 75	87 76	82 73	85 74	86 69	85.4 75.4	
FALALOP I. ULITHI	MAX MIN	85 75	86 76	86 79	86 78	84 75	85 76	86 76	84 78	85 78	85 75	84 79	85 75	85 76	85 74	85 75	83 75	84 75	83 79		84 72	84 74	83 74	81 68	83 74	85 73	85 75	85 80	85 76	83 74	84 73	85 76	85 75	84.5 75.4	
KAPINGAMARANGI ATOLL	MAX MIN	88 73	90 76	85 72	85 75	89 75	88 76	88 79	90 78	86 76	89 75	86 74	85 75	87 79	90 75	88 75	88 72	85 74	85 75		88 75	89 79	86 74	85 74	84 73	86 77	85 75	82 72	85 74	86 74	87 75	87 77	89 73	86.7 74.9	
KOROR WSO	MAX MIN	91 75	89 76	89 76	90 76	88 74	88 74	87 77	89 76	89 78	90 78	88 75	87 75	88 76	83 74	86 74	89 75	84 73	83 74		87 74	81 74	83 74	78 72	84 75	88 78	88 76	87 74	80 74	88 74	87 76	88 74	88 75	86.8 74.9	
KWAJALEIN WSO AP	MAX MIN	86 78	85 76	85 77	84 76	85 79	84 78	85 79	85 77	86 78	86 78	86 79	86 79	86 79	87 79	87 79	87 78	86 77	87 77		87 77	87 78	86 78	86 78	87 79	86 79	85 74	86 78	87 76	87 79	86 76	85 77	86 77	85.9 77.6	
LELE I. KUSAIE	MAX MIN	90 78	91 74		91 76	91 78	88 75	84 75		85 78			89 76	90 72	91 75	90 74	88 72	90 74	85 71		89 75	88 72	84 75	88 72	84 75	89 75	89 75	90 74	91 75	90 74	88 75	91 75	88 74	88.6 74.7	
MAJURO WSO AP	MAX MIN	84 77	84 76	85 76	85 78	84 75	84 76	84 78	84 79	84 78	84 78	84 80	85 78	84 78	84 78	84 78	82 76	85 78	85 78		84 75	82 74	84 78	84 78	84 78	84 75	84 76	84 78	84 78	83 78	82 73	83.9 76.8			
METALANIM	MAX MIN	88 72	84 72	82 71	87 76	84 78	85 78	85 76	85 77	84 77	84 78	86 74	86 75	85 75	86 75	85 76	85 77	84 77	86 75		85 75	84 75	82 75	83 76	88 77	83 78	83 80	83 78	84 78	84 76	84 78	85 79	84.5 76.1		
PONAPE WSO	MAX MIN	88 72	83 74	88 72	85 75	85 79	87 77	84 77	86 79	87 79	86 79	88 77	87 76	89 77	87 76	88 75	89 79	88 74	88 73		87 77	83 75	86 77	87 79	87 79	88 79	87 79	88 77	88 78	87 78	87 79	88 77	87 74	86.9 76.6	
TRUK. MOEN I. WSO AP	MAX MIN	88 78	84 75	83 75	87 77	87 79	86 78	86 78	85 79	86 78	86 79	85 79	85 77	87 79	85 79	82 74	85 78	85 77	87 75		86 79	86 79	85 79	85 79	85 80	86 79	85 78	86 78	85 78	86 79	85 77	86 74	85.5 77.6		
MOLEAI ATOLL	MAX MIN	87 76	85 76	86 79	88 79	88 77	89 75	89 78	88 75	88 76	89 77	89 77	86 76	88 77	88 76	88 73	89 76	88 75	88 72		87 71	89 75	88 75	87 74	88 72	88 79	87 75	88 74	88 75	87 73	88 76	87 75	87 79	87.7 75.6	
YAP WSO AP	MAX MIN	86 78	86 76	86 76	87 77	86 75	87 77	86 78	87 77	86 75	86 75	87 75	87 75	86 75	86 75	83 73	85 75	84 74	84 74		80 73	80 73	79 73	80 73	85 75	85 76	87 74	87 77	83 74	88 74	87 75	86 76	87 74	85.1 75.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JANUARY 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																		
ISLAND OF KAUAI																																		
LAHUE WSO 1020.1 AP	EVAP	.23	.24	.24	.22	.38	.24	.26	.23	-	-	-	.19	.00	.12	.17	.14	.10	.15	.26	.16	.15	.11	.15	.21	.15	.28	.22	.09	.25	.23	-	5.948	
	WIND	•	•	•	304	328	334	328	289	185	106	57	64	73	145	101	16	-	-	-	71	72	67	33	99	•	-	112	38	96	151	229	37818	
	MAX	79	78	77	76	77	76	74	76	76	75	78	74	70	70	79	78	79	81	82	82	83	79	82	78	77	75	73	72	81	72	67	76.6	
	MIN	63	63	62	63	63	62	62	63	72	63	63	62	60	60	58	57	57	58	58	59	59	60	60	60	62	62	62	63	64	57	59	61	61.2
ISLAND OF OAHU																																		
HONOLULU OBSERV 702.2	EVAP	.15	.15	.18	.40	.10	.12	.18	.23	.11	.16	.26	-	.10	.09	.15	.15	.12	.15	.15	.12	.15	.15	.15	.21	.15	.19	.15	.15	.18	.19	.05	4.958	
	WIND	8	13	27	60	21	21	39	30	11	7	8	1	3	1	6	13	12	3	3	3	3	4	7	6	15	17	5	8	13	22	2	387	
	MAX	80	80	81	78	78	79	79	80	75	85	82	71	71	72	80	82	84	84	84	83	84	86	84	84	84	81	80	76	78	81	84	70	79.9
	MIN	62	62	62	61	61	61	61	61	67	64	66	64	60	60	58	59	60	59	59	60	60	60	60	60	60	60	55	55	56	56	62	63	60.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JANUARY 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC ■ ■ ■ EAST OF 180TH MERIDIAN JOHNSTON WSO AP		EVAP	.26	.39	.39	.41	.32	.35	.35	.31	.30	.27	.29	.17	.27	.33	.24	.15	.21	.27	.29	.22	.28	.23	.33	.30	.24	.27	.08	.26	.11	.30	.35	8.54
		WIND	273	276	305	289	262	292	268	223	159	180	198	248	233	213	175	88	48	114	101	50	111	187	245	281	270	217	155	115	131	133	193	6033
		MAX	82	82	82	82	82	82	84	84	87	85	85	83	84	84	87	88	90	87	87	91	89	84	82	82	80	85	82	86	84	82	82	84.4
		MIN	70	69	68	69	69	69	70	69	69	69	68	68	70	67	70	69	69	70	68	67	69	69	70	69	69	69	68	66	67	63	65	68.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983		0140	02	KOLOA	2 21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIIHAU	1 22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2 21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2 21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIIHAU	2 22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2 21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIIHAU	1 22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A	1038	02	LIHUE	2 21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAHEI TUNNEL 1053	A	1170	01	KAWAIIHAU	1 22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3 21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILILIULA INTAKE 1050	A	2222	02	LIHUE	2 22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A		2227	01	HANAHEI	1 22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3 22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIIHOU	1 22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIIHAU	1 22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIIHAU	1 22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3 21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANAHEI	1 22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133		4568	01	HANAHEI	1 22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1		4650	03	WAIMEA	3 22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3 22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2 21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A	4750	02	KOLOA	2 21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A	4758	01	KAWAIIHAU	1 22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A	4950	02	KOLOA	2 21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2 22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2 21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2 21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2 21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3 21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3 22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2 21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3 22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIIHAU	1 22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2 22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3 22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2 22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2 22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANAHEI	1 22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANAHEI	1 22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3 22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2 21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1		8694	02	LIHUE	2 22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIHAWA 930	A	8941	02	KOLOA	2 21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHAI LOWER 1054		8958	02	LIHUE	2 22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052		8966	02	LIHUE	2 22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943		9253	03	WAIMEA	3 21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2 22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3 21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2 21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1 21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2 21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3 21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3 21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1 21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1 21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2 21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3 21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2 21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A	1384	05	WAILUA	5 21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3 21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3 21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2 21 20	157 55	7	MID	MID		C	J NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID			NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO A	1	21 31	157 54	800		WI			WAI AHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULO A	1	21 41	157 57	25		8A			LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240					MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO A	1	21 35	157 54	20					DEAN FUJII
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40					THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAI AHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAI AHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAI ALEE 896.3	9190	01	KOOLAULO A	1	21 41	158 02	33	8A	8A			WAI ALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					MOUNTAIN VIEW DAIRY
WAI AWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAI AHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAI AHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					WAIMANALO EXP FARM
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAI PAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO A 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A		C	HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A		C	DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI		C	LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO		C	LANAI COMPANY
MALAUHA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM		C	DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR		C	ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A		C	U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A		C	HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A		C	HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A		C	MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A		C	HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A		C	ROYAL HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A		C	KOALI RANCH
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO		C	HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO		C	MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A		C	MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO		C	HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A		C	AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI		C	PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO		C	E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A		C	E MAUI IRR CO LTD
KAUWAU INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI		C	PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A		C	HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO		C	E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A		C	A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A		C	HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A		C	KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR		C	PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A		C	PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO		C	E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A		C	PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR		C	MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR		C	EAST MAUI IRRIGATION CO
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P		C	PIONEER MILL CO.
PARKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A		C	HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI		C	KAUPO RANCH CO.
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A		C	WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR		C	STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO		C	E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A		C	HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A		C	HAWAIIAN COM & SUG CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF MAUI													
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			C	KAO NOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO				HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A				PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A				ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A				PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A				WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A				WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO				E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR				EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A				WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A				WAILUKU SUGAR COMPANY
WAILOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC				HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			C	W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	A 0344	04	S KONA	4	19 25	155 55	15		9A				NAT HISTORICAL PARK
HAIRNA 214	A 0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A				HONOKAA SUGAR CO
HAKALAU 142	A 0905	02	S HILO	2	19 54	155 08	105		7A				MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO				HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO				KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO				MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	A 1303	02	KAU	2	19 26	155 16	3971	8A	8A				HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A				KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	A 1487	02	HAWAII	2	19 41	155 10	1600		7A				REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO				STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A				CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	A 1570	04	HAWAII	4	19 38	155 58	1040						SID WEINRICH
HONAUNAU 27	A 1665	04	S KONA	4	19 27	155 53	1089		7A				SHIGETO L TANAKA
HONOHINA 137	A 1701	02	N HILO	2	19 56	155 09	300		7A				MAUNA KEA SUGAR CO
HONOMU MAUKA 138	A 1960	02	S HILO	2	19 51	155 09	1100		7A				MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO				STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO				STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A				HUEHUE RANCH
KAAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340		7A			C	KAU SUGAR COMPANY, INC
KAAWALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A				CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	A 2512	03	KAU	3	19 08	155 46	3700						RUSSELL P. SMITH
KAINALIU 73.2	A 2751	04	N KONA	4	19 32	155 56	1500	7A	7A				KONA EXPERIMENT STA
KALAPANA NO 1 67.8	A 2894	02	S HILO	2	19 20	155 02	10		VAR				HAWAII VOLCANOES NAT PK
KAMAHOA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI				HAWAIIAN RANCH CO
KAMUELA 192.2	A 3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A				PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A				HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR				DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI				HONOKAA SUGAR CO
KEAAU 92	A 3872	02	PUNA	2	19 38	155 02	285	8A	8A			C	PUNA SUGAR CO
KEAIIWA CAMP 22.1	A 3925	03	KAU	3	19 14	155 29	1700						KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	A 3977	04	S KONA	4	19 30	155 55	1450						GREENWELL RANCH
KEANAKOLU CAMP 124.2	A 4098	02	HAMAKUA	2	19 55	155 21	5280						STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI				KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO				STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI				MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A				KOHALA CORPORATION
KOHALA MISSION 175.1	A 4680	01	N KOHALA	1	20 14	155 48	537	7A	7A				K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI				HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	A 4765	04	N KONA	4	19 50	155 59	20		8A				KONA VILLAGE RESORT HTL
KUKAIAU 222	A 4815	01	HAMAKUA	1	20 02	155 21	840		6A				LAUPAHOEHOE SUGAR CO
KUKUIHAOLE HIC 199	A 4928	01	HAMAKUA	1	20 07	155 35	980		6A				HONOKAA SUGAR CO
KUKUIHAOLE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A				HONOKAA SUGAR CO
KULANI CAMP 79	A 5011	02	S HILO	2	19 33	155 18	5170	8A	8A				ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI				MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI				ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	A 5260	01	S KOHALA	1	20 01	155 41	2615						STATE DEPT OF L&N RES
LANIHAU 68.2	A 5330	04	N KONA	4	19 40	155 58	1530		7A				KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	A 5460	02	PUNA	2	19 29	154 54	650					C	STATE DIV OF PARKS
MAKAHALAU 103	A 5761	02	HAWAII	1	19 59	155 33	3820		6A				PARKER RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH HAWAIIAN RANCH CO PUNA SUGAR CO KAU SUGAR COMPANY, LTD KONA EXPERIMENT STA KOHALA CORPORATION
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600		MO			
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			
NIULII 179	A 6806	01	N KOHALA	1	20 14	155 45	75		6A			
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY HAWAIIAN RANCH CO INC MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			
PAAUHAW 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A			
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			
PAPAIKOU MAUKA 140.1	A 7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY STATE DIVISION OF PARKS ERWIN H. RAPP KUKAIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO MISS JACKIE BENLEHR PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PURAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			
PUU OO 82	A 8550	02	S HILO	2	19 44	155 23	6340		WI		C	
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO KAHUA RANCH
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A		NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7		8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30		8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

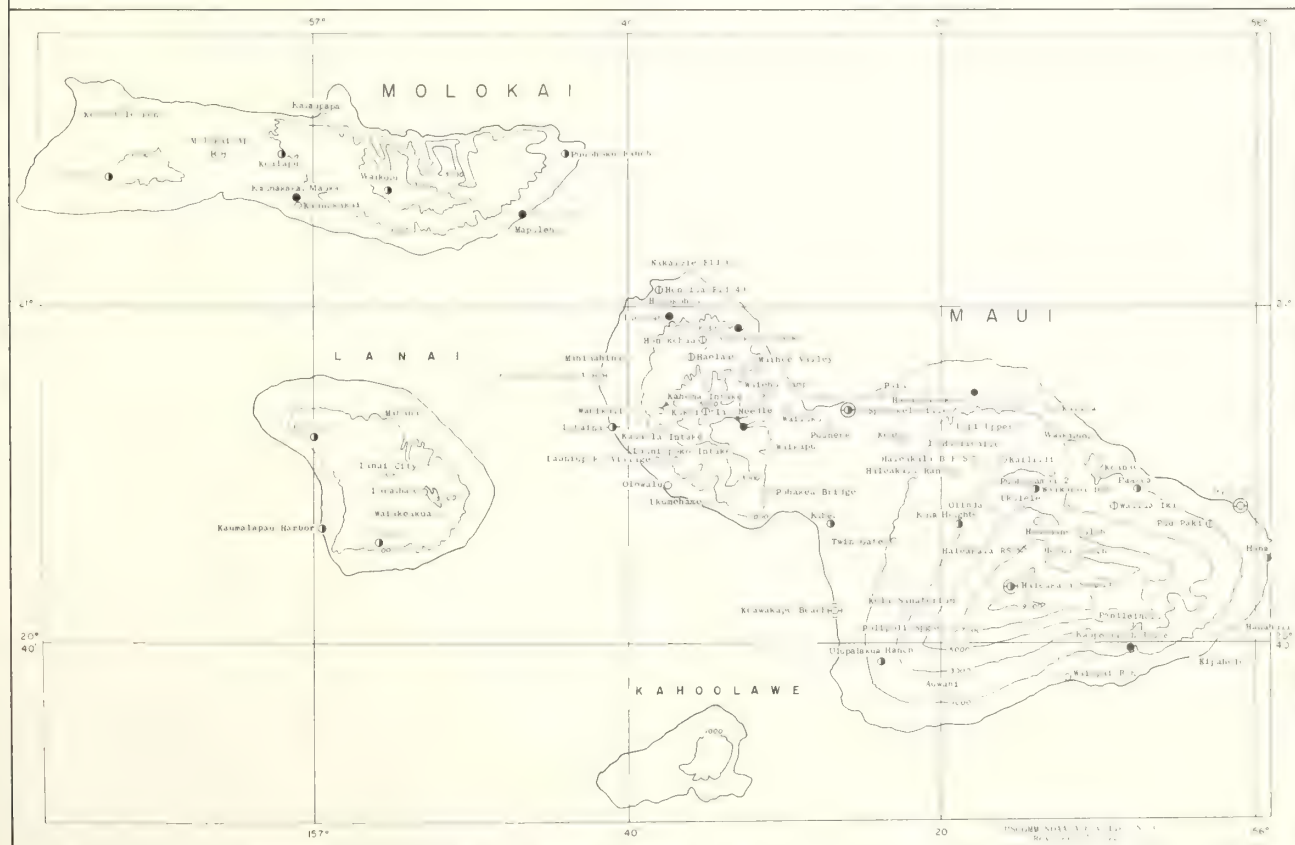
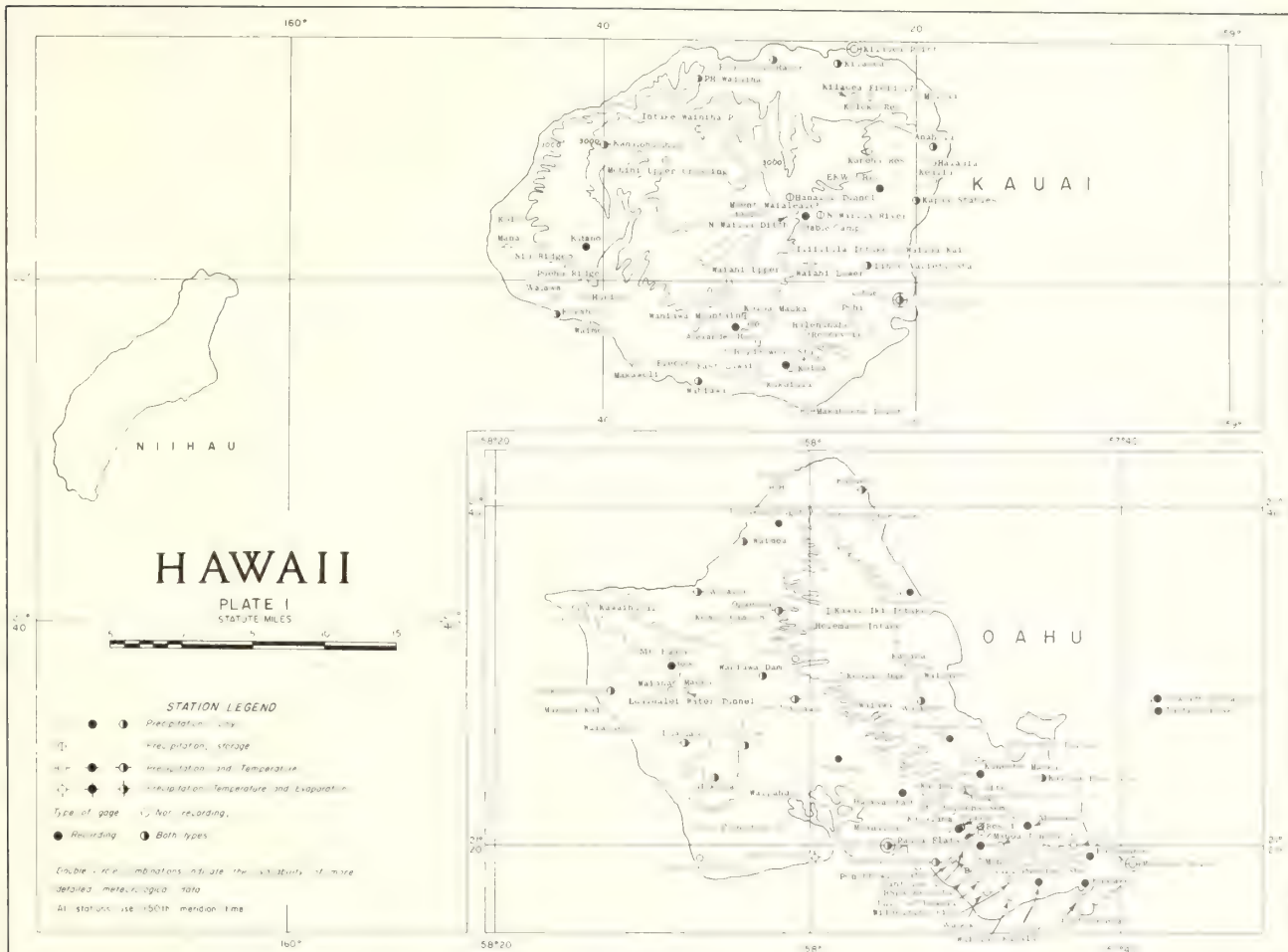
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

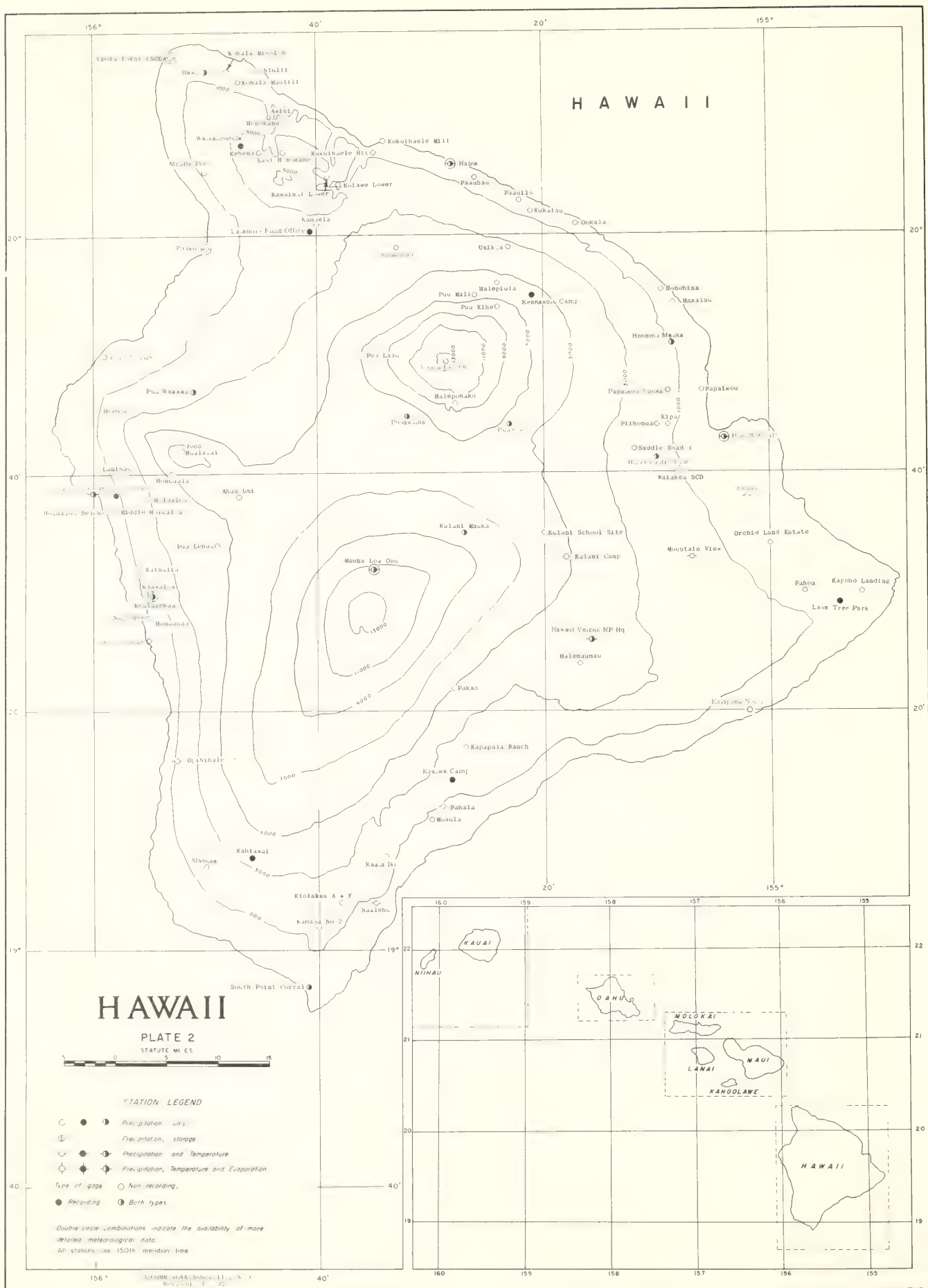
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

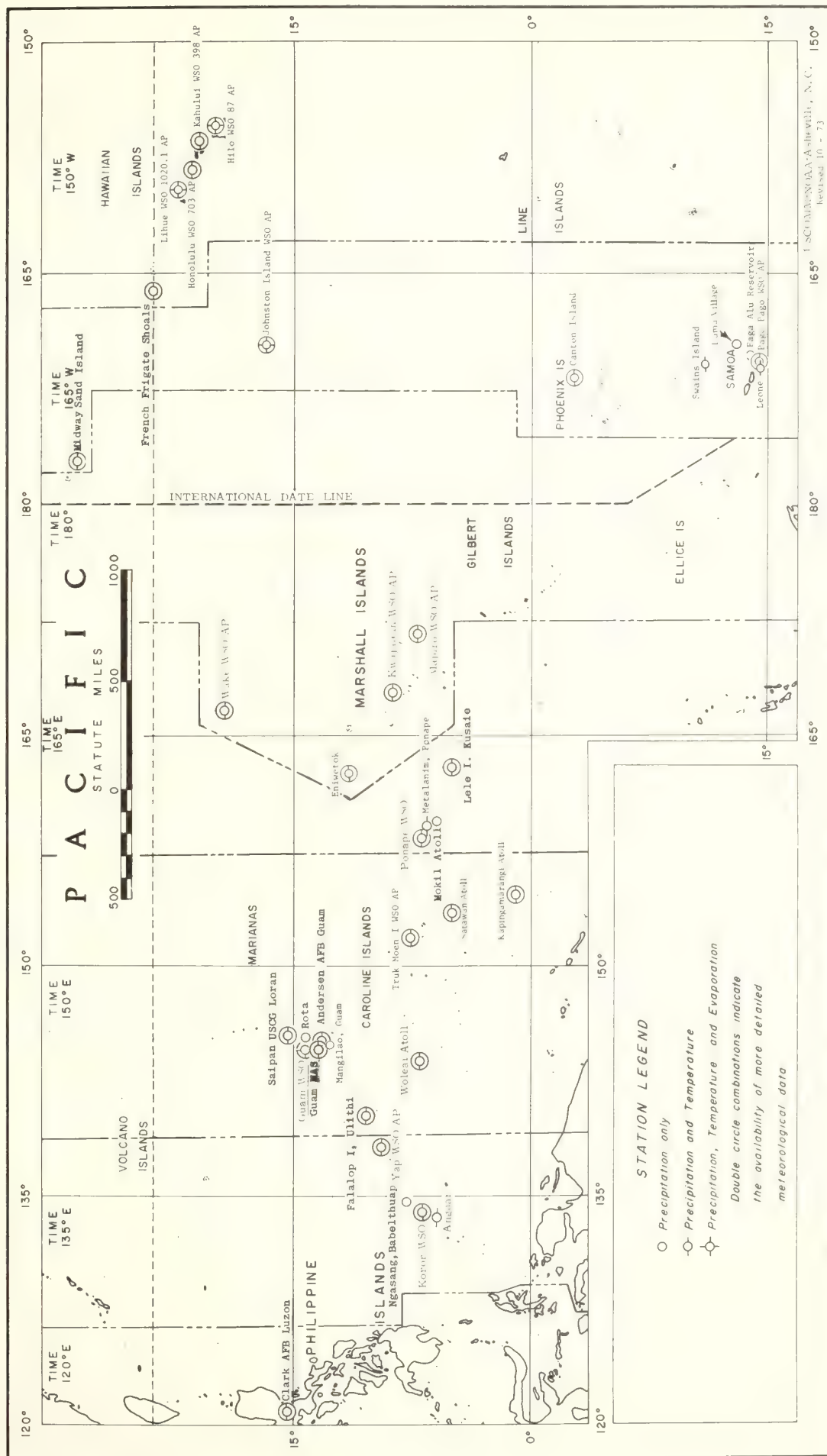
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

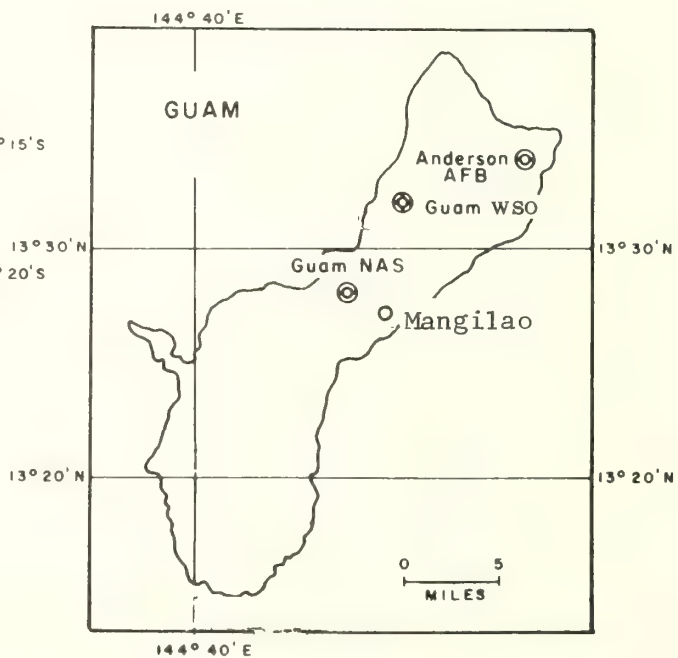
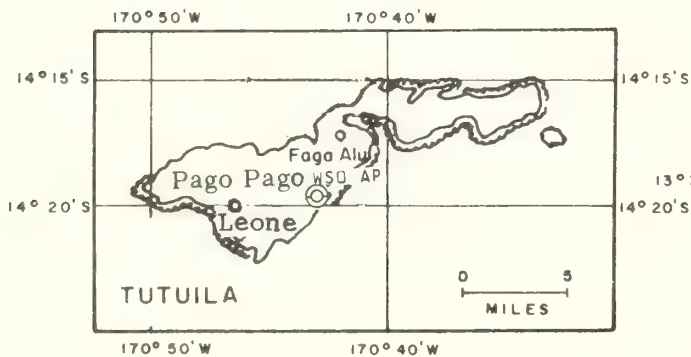
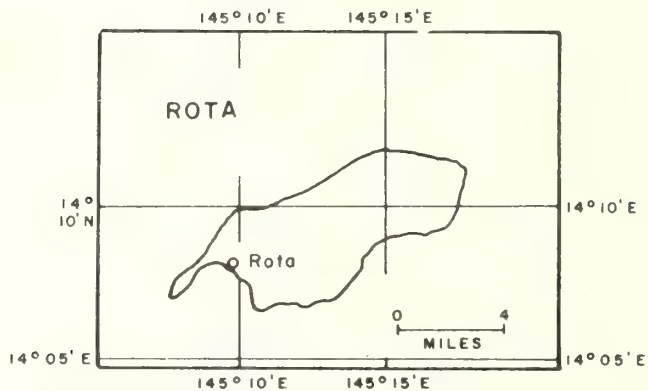
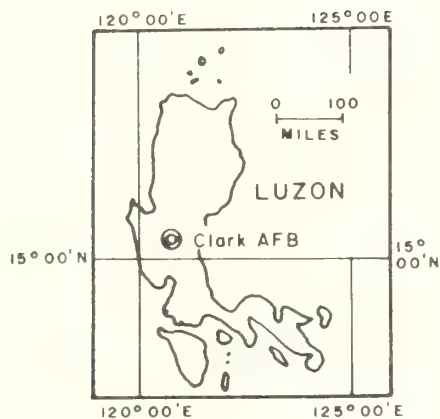
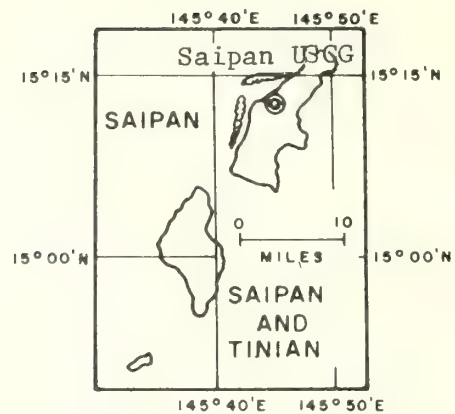
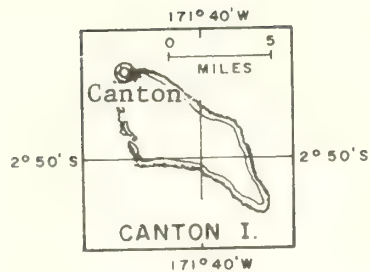
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 5/5/75-1000

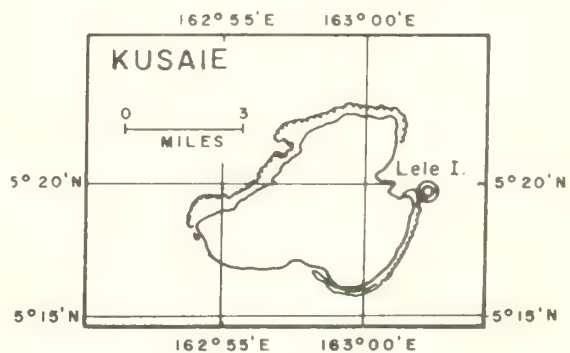
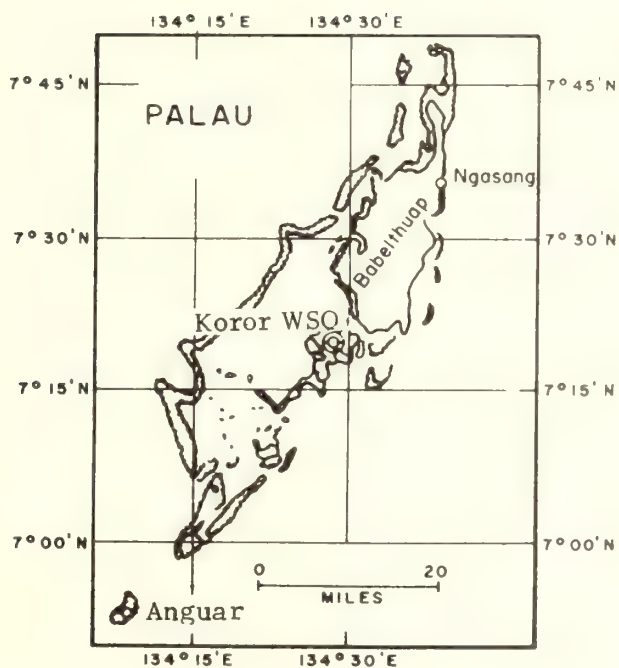
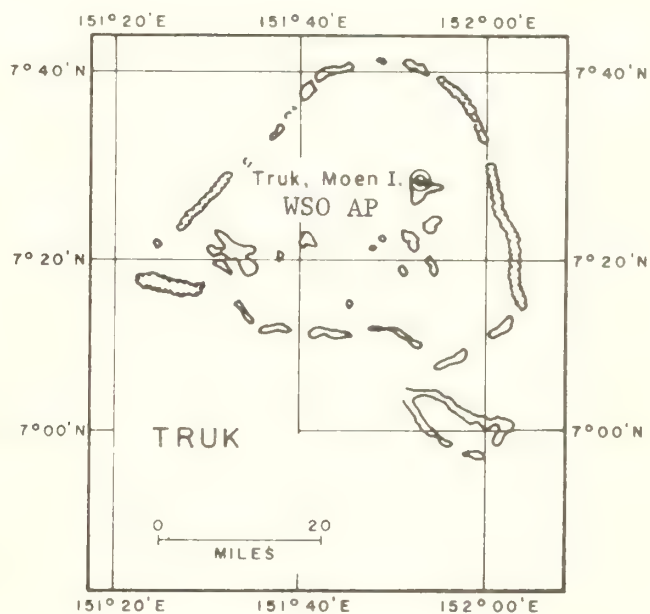
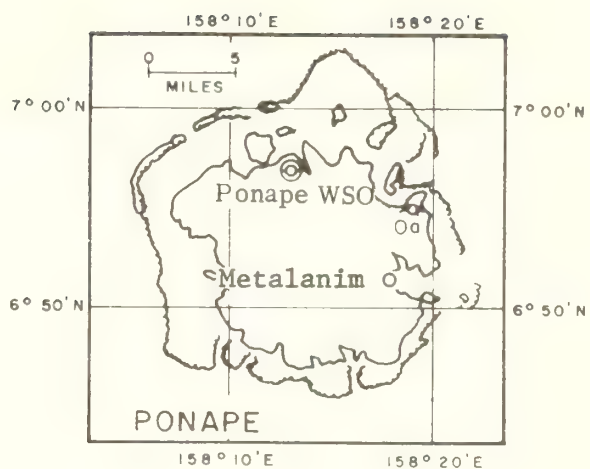
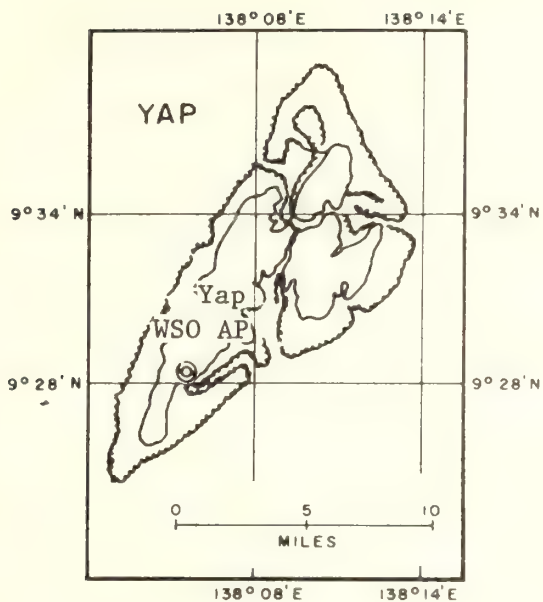




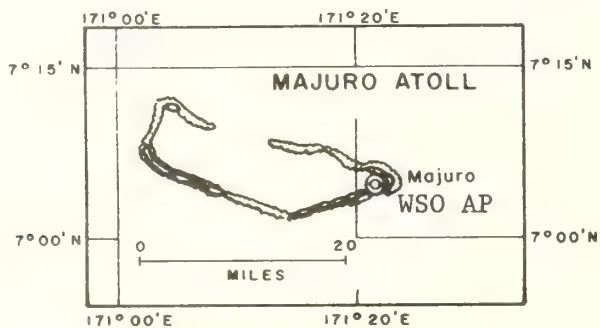
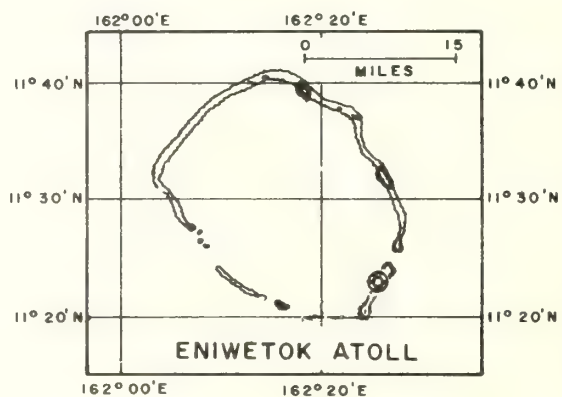
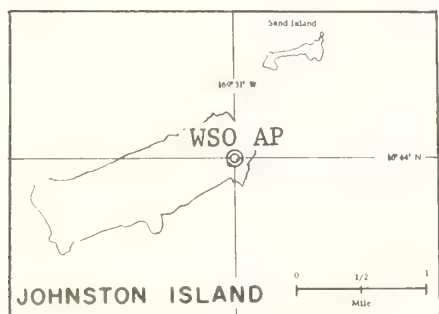
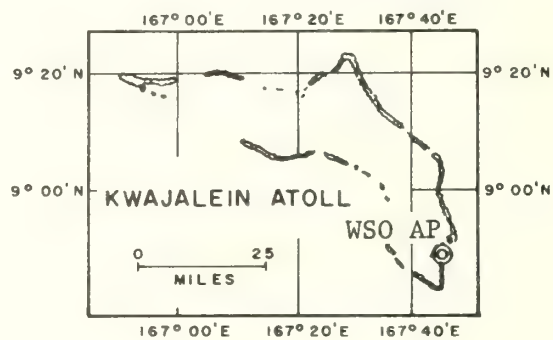
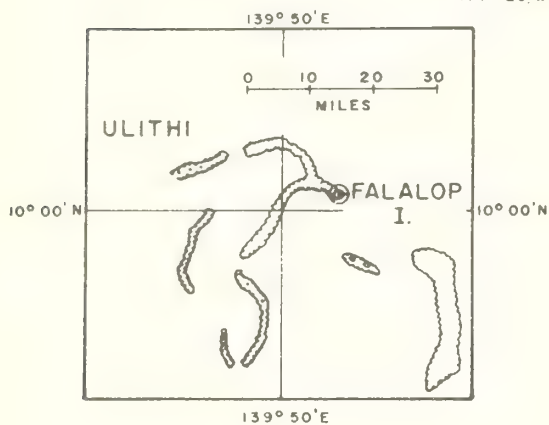
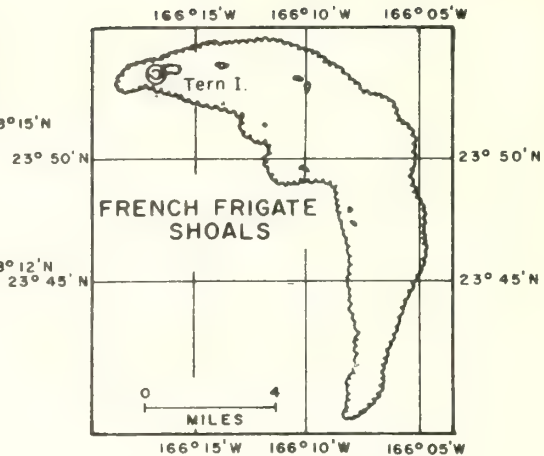
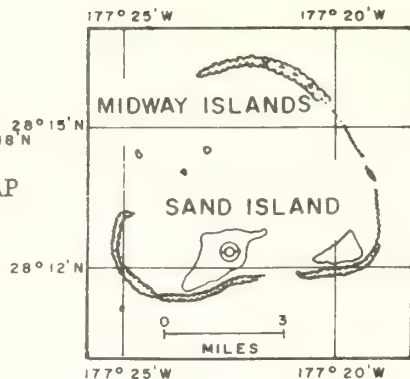
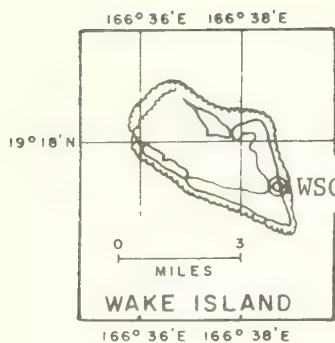




Reef



— Reef



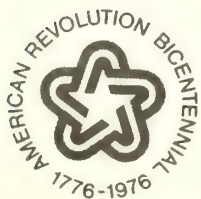
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Climatological Data

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	HILO WSO 87 AP	HAWAII	88	DATE	02
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	28	DATE	28+
GREATEST TOTAL PRECIPITATION:	KEANAE 346	AHAWAII	21.40		
LEAST TOTAL PRECIPITATION:	PUNCHBOWL CRATER 709	GAHU	.90		
GREATEST 1 DAY PRECIPITATION:	PAARKEA 350	MAUI	7.54	DATE	13

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST WIND	DATE OF FASTEST WIND	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							GREENWICH CIVIL														
	12	18	00	06																	
GUAM WSO AP	-	-	-	25	NE	01	-	73	69	86	1	9	6	0	0	0	16	76	-		
HILO, HAWAII, WSO AP	1	0.8	6.3	26	SE	01	83	80	68	79	3	6	13	1	1	1	25	41	7.4		
HONOLULU, OAHU, WSO AP	5	7.0	10.4	30	NE	27	81	81	60	71	12	5	1	0	1	0	19	59	6.0		
JOHNSTON ISLAND WSO AP	7	16.3	18.1	34	E	28+	76	75	70	77	6	7	4	0	0	0	17	71	4.7		
KAHULUI, MAUI, WSO AP	5	8.8	12.2	28	NE	25+	75	77	62	71	0	9	4	0	3	0	16	54	5.9		
KOROR WSO AP	6	8.0	9.2	25	SE	26	85		78	71	3	8	7	1	0	0	19	72	8.6		
KWAJALEIN WSO AP	7	14.9	15.1	22++	E	12	77	77	64	70	5	8	0	0	0	0	13	-	8.1		
LIHUE, KAUAI, WSO AP	5	7.3	11.5	21	NE	27+	79	79	67	75	5	7	3	0	0	1	16	62	6.0		
MAJURO WSO AP	7	14.2	14.6	30	E	24	78	79	71	76	9	8	1	2	1	0	21	70	7.9		
PAGO PAGO WSO AP	7	5.6	9.8	31	NE	21	86	87	73	82	0	7	11	5	0	1	24	60	7.9		
PONAPE WSO AP	-	-	-	19	NE	07	78		71	72	6	7	7	2	1	0	23	70	9.1		
TRUK MOEN I. WSO AP	6	11.1	11.9	26	NE	04	80		75	73	5	6	4	2	1	0	18	60	9.5		
WAKE WSO AP	8	9.2	11.7	35	NE	08	83	85	69	74	4	8	4	0	1	0	17	78	4.1		
YAP WSO AP	8	8.9	9.5	23	NE	04	84		74	71	4	12	3	0	0	0	19	76	7.0		

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1975

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
											MAX.	MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
												31°-40° F	41°-50° F	51°-60° F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1975

STATION		TEMPERATURE											PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE		
											34°-36°	36°-38°	38°-40°	40°-42°												
HAWAII																										
KONA (KAILUA) 68.3	A	M	M	M		82	27+	62	26		0	0	0	0	4.24				.0	0						
KUKUIHAELE HIC 199															7.29	.24	2.28	12	.0	0						
KULANI CAMP 79		60.4	45.3	52.9		68	3	37	8		0	0	0	0	12.85		2.95	11	.0	0						
PAHALA 21	A	76.4M	59.9M	68.2M	.7	83	28	56	24+		0	0	0	0	9.48		4.37	1	.0	0						
POHAKULOA 107	A														4.81				.0	0						
PURAKO 95.1		79.6	64.7	72.2		84	26+	62	23+		0	0	0	0	4.37		1.45	11	.0	0						
PUU HAAWA 94.1	A														9.09	- 1.15	3.46	12	.0	0						
UMIKOA 118															8.67		3.04	18	.0	0						
WAIKOA SCD 88.2															16.46				.0	0						
ISLAND				65.6											9.17				.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1975

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
											30°-39°	40°-49°	50°-59°	60°-69°										
PACIFIC																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND PAGA ALU RESERVOIR JOHNSTON WSO AP LEONE FRENCH FRIGATE SHOALS	R	90.9M	75.0M	83.0M		93	18	70	5		20	0	0	0	.72		3.70	20	.0	0		0	0	0
		79.7	72.4	76.1	.4	81	22+	67	8		0	0	0	0	17.75		.37		.0	0		23	11	5
															1.10	-.85	.37		.0	0		4	0	0
															16.52		2.39	27	.0	0		21	11	6
LUMA VILLAGE MIDWAY SAND ISLAND PAGO PAGO WSO AP SWAINS ISLAND	M	71.1	61.4	66.3	.8	77	24	54	21+		0	0	0	0	11.68		1.60	22	.0	0		19	9	3
		86.4	74.8	80.6	.1	88	16+	71	11		0	0	0	0	3.26	-.46	1.26	14	.0	0		5	1	1
															9.88	-4.28	3.40	19	.0	0		17	6	1
																			.0	0				
WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM CLARK AFB LUZON GUAM NAS GUAM WSO MANGILAO	R	83.3	75.8	79.6	1.4	85	25+	74	12		0	0	0	0	.71	-3.33	.29	15	.0	0		2	0	0
		87.3	70.3	78.8	.0	91	15	63	8		9	0	0	0	1.56	1.05	1.20	15	.0	0		2	1	1
		83.1	76.5	79.8	.4	85	5+	74	6		0	0	0	0	.60	-2.12	.16	7	.0	0		3	0	0
		84.5	70.4	77.5	.2	86	28+	62	17		0	0	0	0	1.15	-3.11	.16	13	.0	0		6	0	0
ROTA SAIPAN USCG LORAN WAKE WSO AP	R	84.8	72.2	78.5		87	23+	65	13		0	0	0	0	4.76		.89	3	.0	0		10	3	0
		81.3	69.6	75.5	-1.5	85	23	66	4+		0	0	0	0	2.12	-.91	1.08	8	.0	0		5	1	1
CAROLINE AND MARSHALL ISLANDS																								
ANGUAR ENIWETOK FALAPLOP I., ULITHI KAPINGAMARANGI ATOLL KOROR WSO	R	85.4	78.5	82.0	1.0	89	20+	71	3		0	0	0	0	.95	-.55	.47	24	.0	0		3	0	0
		85.0M	76.3M	80.7M		86	28+	73	19+		0	0	0	0	.94		.39	23	.0	0		4	0	0
		87.8	75.0	81.4	.7	90	11	73	28+		1	0	0	0	2.82	-4.61	.93	28	.0	0		8	1	0
KWAJALEIN WSO AP LELE I., KUSAIE MAJURO WSO AP METALANIM MOKIL ATOLL	R	87.0	77.7	82.4	1.0	89	28	75	22+		0	0	0	0	.24	-2.11	.07	6	.0	0		0	0	0
		89.4M	75.4M	82.4M	1.1	91	18+	70	14+		13	0	0	0	13.85	-6.26	2.11	28	.0	0				
	R	84.8	77.2	81.0	.2	87	22	74	12		0	0	0	0	3.21	-3.77	1.62	24	.0	0		4	3	1
		84.6	76.9	80.8		87	26+	73	2		0	0	0	0	5.73		2.31	25	.0	0		7	5	1
NGASANG, BABELTHUAP PONAPE WSO SATAWAN ATOLL TRUK, MOEN I., WSO AP WOLEAI ATOLL	R	87.8	76.8	82.3	1.6	90	5	73	18		1	0	0	0	2.68		1.16	22	.0	0		7	1	1
															4.26	-7.18	1.25	25	.0	0		10	3	1
	R	85.9	77.5	81.7	.6	87	26+	74	17		0	0	0	0	3.86	-2.54	1.23	19	.0	0		7	3	1
																			.0	0				
YAP WSO AP	R	86.8	74.8	80.8	.3	89	25	72	19		0	0	0	0	1.20	-4.21	.48	28	.0	0		3	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	10.13	x	x	8.85	.05	15			x	x		.15	30		05	06	x	x	42		02	05		x	x	03						
BRIDESWOOD STA 985	A	7.87	x	x	6.97	.05							06				17	x	x	30	20	01	02		x	x	07						
EAST LAHAI 934	A	4.27	x	x	3.40	.12	01				x		02						24	13	04				x	x	71						
ELEELE 927	A	6.77	x	x	6.56	T							05						16	T													
HALEKUA 1110	A	11.05	x	x	10.00	.05	10				x	x	.10		.1	05	03	x	x	18		01	05		x	x	05						
HALENAHONA 1006	A	7.95	x	x	6.06	.04	04				x	x	07			05	41	x	x	64	27	02				x	x	24					
HUKIPU 945	A	5.29	4.86	.43																													
ILILIULA INTAKE 1050	A	11.47	x	x	5.06	1.26							03		19	15	0	x	1	75	10	10	12	02		x	x	85		74		05	
INTAKE WAINIHA PC 1086	A	12.78	x	x	3.76								08	x		1	63	x	x	2	44	x				2	05	81					
KANALSHULULU 1075	A	10.72	7.26	.32	.06	.44	.24	x	x	x	x	x	09	07	11				04				02	01		1	86	28					
KANEHA RESERVOIR 1092	A	13.41	x	x	9.66	.15	.15				x	x	15	20		75	60	x	x	70	20	05	17		x	x	70						
KAPAA STABLES 1104	A	7.97	x	x	6.72	.03	.05				x	x	05	20		07	05	x	x	40		05			x	x	35						
KALIA 1112	A	9.43	x	x	7.79	.25	40				x	x	40	13		03	03	x	x	25		03	02		x	x	10						
KEKAHA 944	A	3.43	2.75	.65							01																						
KILAUEA 1134	A	8.98	6.37	.67				05			13	44		18	19				54	08													
KILAUEA POINT 1133	A										08	14		18	10	09		01	01	02	01		02										
KOLA 1033	A	6.40	5.98	.38		.04																											
KOLA 936	A	5.17	x	x	3.10	.20	10						04																				
KOLA MUKA 994	A	13.59	x	x		11	68	x	x				x	46	x	x			1	35													
KOLA RES 1137	A	12.42	x	x		x	x	x					x																				
KUKULUA 935	A	3.16	x	x	2.80						x	x	02																				
LINE VARIETY STA	A	8.88	x	x	6.67	.12	11				x	x	02		06		18	07	x	x	1	03	34		x	x	28						
LINE 1020	A	6.87	x	x	6.25	.03	07				x	x	02		03		04	05	x	x	20	08		01		x	x	09					
LINE 1020-1 AP	A	4.35	3.59	.11		.22	01				T		01		09	T	05	01		16	03	T			01	02	06	T					
MAKAUENA POINT 940-1	A	3.45	3.21	.15																04	02					01							
MAKAUENA 965	A	7.44	6.80	.62									01																				
MAKAU 1026	A	5.40	5.02	.28									01		18	15																	
MOHINI UPR CROSS 1083	A	2.99	36		18	98							02	08	15	09	17																
MOLAA 1145	A	6.44	5.40	.20							05		02																				
MOUNT WAILALELE 1047	A																																
ISLAND OF MAUI																																	
MTU RIDGE 1035	A	8.80	8.80			.80	.80	.02			01																						
WAILUA DITCH 1051	A	15.85	x	x	8.03	.07	.21	.02																									
PH LAHAI 934	A	7.66	x	x	3.24	.20	.21						14	04	17	51	23																
PRINCEVILLE RANCH 1117	A	15.19	x	x	12.56	.22							24	42																			
PUEHU RIDGE 1040	A	5.90	5.20	.70																													
PUNI 1013	A	4.17	x	x	3.90		02				x	x	01																				
WAILUA 930	A	5.53	x	x	5.44						x	x	02																				
WAILUA LOWER 1054	A	12.05	6.22	1.53	.05	.27	07						01			47	09	45	.35	.49	.54	.05	02	02		41	46	.02					
WAILUA UPPER 1052	A	13.86	7.28	.95	.04	.95	06						22	1	42	46	.51	.49	1	19	.08	10	03		30	.21	.02						
WAILUA 943	A	4.43	3.78	.65																													
WAILUA KAI 1085	A	7.84			6.10	.27							01			04	04	x	x	59	12	02		38									
WAILUA 947	A	4.90	4.50	.40																													
WEST LAHAI 931	A	4.15	x	x	3.95	.01					x	x	02																				
ISLAND OF OAHU																																	
BERETANIA PUMPING STA	A	2.44	1.88			.14	T				02																						
CAMPBELL IND PK 702.5	A	3.28	3.00	.04	.11								03																				
CAMP 84 807	A	4.69	3.56	.50	.20						x	x	.25	x	x																		
CHURCH COLLEGE LAKE	A	7.14	4.15	.05	1.45	.08	11				T		13	T	20																		
CROCKETT ISLAND 840-1	A	6.90	4.20	.20	.20	.50	30						07	01	55																		
EMU PLANTATION 741	A	5.09	4.72	.18							x	x	06																				
HELEMANU INTAKE 801	A	6.97	x	x	5.43	.12					x	x	12	x	x	x	x	x		11	x	x	x	x	x	x	x	x	x	x	x	x	
HOKULUA 725.2	A	8.84				.29	x				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
HONOLULU OBSERV 702.2	A	3.09	2.80	.15	.05								02																				
HONOLULU 703 AP	A	2.36	1.81	.37							T		02																				
HONOLULU SUBSTA 704	A	1.97	1.62								03																						
H. S. P. A EXP STA 707	A	3.05	1.51		.41	.20							11	T		53	03	05		02	06												
KANOA POINT 841.3	A				10.23								1	68	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KANAWA 883	A	19.29																															
KANAWA 912	A																																
KAILUA FIRE STA 781.3	A	9.78	6.40	.83	.85	.03							01	04	43		04	07	01	.05	04	15											
KALIHU RES SITE 777	A	9.70	3.34	.24	.30	.06	.04						02	06	.66		1	12	32	14	10	28											
KANEHUE MUKA 781	A	9.2																															

HAWAII AND PACIFIC
FEBRUARY 1975

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	TOTAL	DAY OF MONTH																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																			
KOAHAE LOWER 106	A	9.31	x	x	x		x	x	x	1.22	x	x		x	3	05	x		x	x	x		x	x	1	24		x	x	x		x	4	00	
KONA (KAILUA) 68.3	A	4.24	x	x	1.65		.02				x	x		92	32	1	00		x	x	x		09												
KONA VILLAGE 93.8	A	8.34	.25	.10	2.02							44		2	88	2	25						20										4	0	
KUKAIUA 222	A	11.28	.08	.26	T		.08	.28	.59		T			06	.26	4	22		20	15	T		01	.75	1	42							7	1	
KUKUIHALE NIC 109	A	7.29	.10	.49			.21	.42	.42					17	.72	2	28		27	62			10	.47									68		
KUKUIHALE MILL 206	A	7.98	x	x	.49		.85	.34	.35		.02	x	x		15	.54	2	97		04	01	x		30	.32								4	0	
KULANI CAMP 79	A	12.85	.95	.50	.36		.39	.06	.08		.02		.09		.31	2	95	.90		17	1	12	.15		10	1	47	1	40				46	6	
KULANI MAUNA 76	A	6.20			.90										95	.85	.80		.65	.20	.30		08	.75	.15								15	45	
KULANI SCHOOL SITE 78	A	12.91	4	68	x	x	x	x	x		70	x			x	x	x	4	25				x	x	x		3	28	x	x	x	x	x		
LANIHAU 68.2	A	8.23	.19	.68	.48		.29	.05	.12					1	34	.75	1	63		.63	.04		1	15	.07	.43		30							
MAKAHAU 103	A	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MAUNA 2	A	6.80	x	x	2.40			T	.30		x	x			90	.20	.60		.50				x	1	50										
MAUNA KEE 885 111.2	A	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MAUNA LOA SLOPE 885	A	2.65	.21	.06	.23								.05		.49	.44	.21		.11	.29	.45		.07	.04											
MIDDLE MAUNA LOA 68.1	A	6.90	x	x	1.16		x	x	x		x	x	x		1	53	x	x		x	x	x		x	x	4	00		x	x	x	x	x		
MIDDLE PEN 147.1	A	4.05	x	x	x		1	10	x	x		x	x	x		x	x	1	40		x	x	x	1	45	x	x		x	x	x	x	x		
NEBULA 18	A	2.00	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	x		
MOUNTAIN VIEW 91	A	17.25	2	91			.16		.04						20	1	41	1	04		.07	.36	.85		15	x	85	1	94						
NAALEHU 14	A	10.52	4	57	1	27	1	29		.67					.46	.35	.37		.47	T			10	.64	.07										
NARBOPO 28	A	3.85	x	x	1	05					x	x	x		1	19	x	x		x	x	x		x	x	1	45		x	x	x	x	x		
NIULII 179	A	9.04	x	x	.49		.16	.30			T	x	x		.57	1	14	4	46		.53			x	1	2	.29		11						
OKALA 223	A	13.66	.09	.27	.01		1	01	.28	.63		T			T	.60	4	55		15	.58	.01		.02	.80	1	83								
OPHIHALE 2 24.1	A	6.73	1	47	.04	T		T		.15		.63		.47		.08	1	03	.01	T	.07	1	98		.05	T	.08								
ORCHID LAND EST 91.5	A	8.98	x	x	x		x	x	x		1	46	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	1	00	
PAHAU 217	A	8.40	x	x	.77		.45	.69	.58		x	x			.11	.47	3	11		.08				x	.20	.61		.04							
PARULU 221	A	10.42	.08	.28	T		.12	.15	.50		T				.09	.28	4	69		.19	.12	T		T	.47	1	04		.68	T					
PAHALA 21	A	9.48	4	37	.63	1	00	.93	T				.01		.38	.66	.54		.27	T			.04	.44	T										
PAHOLA 65	A	19.63	1	95			1	07	.04	.30		.03	x	x		.11	.38	.73		.05	2	11	.70		13	2	36	.53		16	11	14			
PAKAO 37	A	6.90	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	x		
PAPAIKUBU 144.1	A	12.92	x	x	1	10		.30	.06		x	x			.05	.69	1	48		1	41	1	54	x		x	2	52	1	31		.76	17	13	
PAPAIKUBU MAUNA 140.1	A	15.15	x	x	1	26		.23	.04	.02		x	x		.08	.15	.81		.49	1	71	x		x	2	81	1	55		.85	17				
PITIKUBA 89	A	18.40	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	x		
POHAKULOA 107	A	4.81	1	94	.20	x		x	x	.38		x	x	x		.52	.14	x		x	1	29	x		x	x	.34								
PURAO 95.1	A	4.37	.09	.17	.10										.76	1	45	1	42		T			T											
PUU KINE 120	A	7.62	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	7	2	
PUU LAU 102.1	A	5.55	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	x		
PUU LEHUA 73	A	6.11	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	3	11	
PUU MALI 113	A	4.70	x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x	x	x	x	4	7	
PUU MA 82	A	-	-	-	-		-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU MAHALA 94.1	A	9.09	x	x	2	09		1	54			x	x		.74	1	73	1	80		.05	.59	x		x	x	.54		.01						
SADDLE ROAD 1 84	A	15.17	x	x	x		x	x	x		x	x	x		2	37	x	x		x	x	x		x	x	x		x	x	x	x	x	1	00	
SOUTH POINT CORRAL 3	A	10.42	x	7	10	x		x	x	x	x	1	27		x	x	x		1	50	x	x		x	x	x		x	x	x	x	x	x		
URIKOA 118	A	8.67	x	x	.62		.30	.46	.89		.04	x	x		.15	.59	1	46		.20	.77	x		x	.20	.17		.93		x	x	.70			
UPILUA POINT USCG 159.2	A	4.41	.12	.16	.46		.02	.35	.02						.24	1	43	1	18					.09	.11	T									
WAIKAEA SCD 88.2	A	16.46	1	17	.05	T		.26	.05						.32	.60	.38		.59	1	91	.32		.94	2	97	3	04		1	09	14	.03		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
* * *																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND		.72	*	.25																														
FAGA ALU RESERVOIR		17.75	1.75	.12	.35		.25	.21	.20	.15																								
JOHNSTON WSO AP	R	1.10				.07	.02	.11	.20	.37		.01	T	1.05	.70	.01	1.13	.35		.75	.80		.24		.11	.20	3.70	.50	.79	.25	.10	.35	3.25	.30
LEONE		16.52	.60	.23	.07		.81	1.17	.93		1.26		.16	.24		.15	2.26	.10		.15		.35	.20	2.38	.09	1.32	.07	.67		.12	.60	2.39	.20	
FRENCH FRIGATE SHOALS																																		
LUPA VILLAGE		11.68	.40	.30	.24		.12	.05	.85	.96	T	.29	T	.09	.28	.65	1.30	.68	.22	T	.48	.97	.02	T	1.60	.02	.12	.29	.65	1.10	T			
MIDWAY SAND ISLAND		3.26	.01	.04					.43							.48	1.26					.01	.01			.08	.49	.45						
PAGO PAGO WSO AP	R	9.88	.15	.03	.19		.01	.02	.32	.42	.01			.18		.83	.24	.11		.01	.05	3.40	.28	.53	.96	.44	.54	.42	.05	.17	.52			
SWAINS ISLAND																																		
* * *																																		
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM		.71		T	.09		.01	T	.03		.12	T		T	T	T		.07	T	.29														
CLARK AFB LUZON		1.56	T				.36	T									T	1.20		T	T													
GUAM HAS		.60		.01	.10		T	.06		.16	.12					.02	.03	.07	.03															
GUAM WSO	R	1.15		T	.14		.03	.09		.09	.02		.01	.03	.11	.16	.15	.12																
MANGILOAO		.64		.02	.05	T	.02			.02				.03	.03	.05	.30		.11											.01				
ROTA																																		
SAIPAN USCG LORAN		4.76	.06	.49	.89		.06	.02	.54	.44	.26			.03			.06	.03		.10														
WAKE WSO AP	R	2.12		.08	.03	T		T		.32	1.08	.08		.21	.03	T		.05	.06	.03		.10			.34	.07	.01		.01	.01	T	.02	.14	
* * *																																		
CAROLINE AND MARSHALL ISLANDS																																		
ANGUAR																																		
ENIWEOT		.95	.02		.11		.05		.18	.01	.02		.05									.02												
FALALOP I. ULITHI		.94		.03			.12	T					.05								.20													
KAPINGMARANGI ATOLL																																		
KOROR WSO	R	2.82	.38	.15	.01		.12	.41		T					.12	.07	T		T	.01														
KWAJALEIN WSO AP	R	.24	.01	.03			.01	.07	T								.01	.02		T														
LELE I KUSAIE		13.85	1.20	.01	.06		.18	.07	.07						.23	*	1.23	1.30	1.10	.57	.27	1.10												
MAJURO WSO AP	R	3.21			.01	T	.01	T	T	T			.03	.01	.60	.01	T																	
METALANIH		5.73	.01	.08					.05					.01			.04	.68																
MOKIL ATOLL																																		
MOSBANG-GABELTHUAP		2.68	.08	.19	.02		.11	.15		.02																								
PONAPE WSO	R	4.26	.03	.03		T		.12	.03	.01	T		T	T	T		.19	.04	.01	.27	.10	.59	.10	.04										
SATAVAN ATOLL																																		
TAUK. MOEN I. WSO AP	R	3.86	T		.11		.08	.18			T	.07		.05			T	.09	.24	.80	.09	1.23	T											
WOLEAI ATOLL																																		
YAP WSO AP	R	1.20	.04	.01	.01		.17	.06					.03	T	.02		.07	.02	.02	.05	T	T												

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
FEBRUARY 1975

STATION		DAY OF MONTH																															AVERAGE			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HAWAII																																				
ISLAND OF KAUAI																																				
KANALOHULU 1075	MAX MIN	63 51	62 54	64 42	58 45	57 40	60 46	62 46	60 40	61 40	59 51	57 49	62 45	68 45	67 52	69 45	67 54	62 53	66 51	66 43	66 42	64 53	62 49	69 50	71 45	72 48	68 50	62 50						63.8 47.4		
KILAUEA POINT 1133	MAX MIN					74 66	73 66	74 63	75 63	78 64	77 64	77 60	71 65	74 68	77 68	77 67	77 69	77 66	75 65	77 61	77 64					64 64	76 68	79 68	76 64						76.0 64.7	
LIHUE WSO 1020.1 AP	MAX MIN	75 64	79 66	79 62	77 66	76 63	77 67	76 60	74 59	75 58	75 63	74 62	76 63	75 69	78 71	78 71	78 71	77 69	77 71	77 71	77 66	77 60	76 64	77 62	77 69	78 69	79 69	78 71						76.8 66.2		
MAKAHUEA POINT 940.1	MAX MIN	72 64	72 67	82 64	78 64	76 66	76 65	75 67	75 59	73 68	72 68	75 65	78 66	75 63	75 66	72 66	74 67	74 69	77 68	80 60	80 67	80 69	80 69	79 69	80 69	81 70	81 70	82 71	80 71						76.4 65.7	
MANA 1026	MAX MIN	78 62	79 50	82 64	81 60	80 58	81 61	80 60	81 60	81 61	80 61	80 60	75 60	81 60	82 61	83 61	84 61	86 60	85 60	84 60	82 60	82 60	81 60	82 60	84 60	84 60	85 60	85 61	85 60						81.9 60.1	
NIU RIDGE 1035	MAX MIN	78 60	79 62	80 63	78 55	76 55	77 53	78 56	77 56	78 57	79 54	73 54	74 55	76 57	80 55	79 57	80 56	81 56	80 55	80 55	79 55	79 55	80 57	81 63	81 63	82 63	82 55	84 55						79.1 68.7		
WAIHAI LOWER 1054	MAX MIN	71 69	74 68	78 56	73 59	72 52	74 55	75 54	74 48	76 53	77 58	74 60	74 56	74 60	78 60	79 64	76 63	76 61	78 60	78 60	78 60	77 60	78 60	78 60	77 54	78 55	78 59	77 56	77 61						78.8 68.7	
ISLAND OF OAHU																																				
CHURCH COLLEGE LAIE	MAX MIN	80 70	81 68	78 62	80 67	76 64	76 68	77 65	76 69	75 64	78 59	74 63	74 64	80 66	80 69	80 69	80 70	81 69	78 70	80 70	81 70	81 59	80 63	78 66	78 68	79 69	80 70	80 68	80 70						78.5 65.8	
EWA PLANTATION 741	MAX MIN				79 61	81 61	79 62	78 59	79 59			79 62	77 65	76 62	78 62				82 63	81 66				79 62	82 62				81 59	78 66	79 63	81 59	80 65	79.6 61.4		
HONOLULU WSO 703 AP	MAX MIN	77 65	79 67	82 63	79 64	78 62	80 58	81 58	79 59	78 62	80 63	78 65	80 64	83 64	83 70	84 69	83 71	83 70	81 71	83 71	80 68	81 59	80 60	80 61	79 67	82 68	83 69	82 69	81 70						80.7 64.9	
HONOLULU SUBSTA 704	MAX MIN	74 64	76 69	80 67	75 66	74 67	75 67	77 65	76 65	77 66	77 68	75 66	74 66	78 67	77 70	79 70	79 71	77 71	76 71	78 69	78 67	77 69	75 68	74 67	76 68	76 69	77 67	75 67						76.4 67.8		
KANEHOE MAUKA 781	MAX MIN	80 64	79 65	78 64	85 64	77 64	76 65	77 65	76 64	77 65	76 64	75 61	75 64	73 65	78 68	75 68	78 68	76 69	76 69	78 68	79 64	81 65	76 62	77 67	76 68	78 69	78 65						77.3 65.7			
LUALUALEI 804	MAX MIN	80 62	76 65	82 58	78 64	77 64	78 64	78 56	76 54	76 56	78 59	74 63	77 63	76 61	78 64	78 64	78 66	76 69	76 67	80 63	79 59	78 57	77 60	75 63	74 64	79 63	79 63	80 67	79 67	80 67	79 67	79 67	79 67	78.0 62.5		
OPAULA 870	MAX MIN	75 64	73 63	70 66	79 62	80 59	80 59	80 58	73 56	73 57	80 58	80 59	80 59	79 58	79 61	75 61	73 65	79 59	79 59	80 59	80 60	80 60	80 60	80 60	79 60	80 61	80 61	80 61	80 61						78.0 60.0	
PRI WAIHANA 820.2	MAX MIN				77 59	76 59	75 59	75 56	76 56	76 56	79 55	73 59	77 61	75 59	79 60	78 61	80 63	81 66	81 62	76 60	79 58	82 55	78 56	72 57	80 56	80 56	76 60	78 62	78 62						77.4 59.0	
WAIALEE 896.3	MAX MIN	81 64	79 65	77 68	79 66	77 66	77 65	78 66	76 63	78 64	77 66	76 67	75 64	72 65	78 65	79 65	80 67	78 69	77 66	79 66	81 66	77 66	78 66	81 66	77 66	78 66	79 66	79 66	79 66	79 66	79 66	79 66	79 66	77.9 66.2		
WAIALUA 847	MAX MIN	80 67	80 64	78 64	77 62	75 61	75 59	76 60	76 58	78 58	78 58	75 61	73 62	75 59	80 61	81 61	83 62	80 66	79 66	77 58	81 58	80 57	80 57	76 58	77 59	76 59	78 59	80 64						78.0 60.5		
WAIKIKI 717.2	MAX MIN	80 62	79 63	80 59	82 61	79 63	79 57	80 58	79 56	80 58	80 60	79 64	78 63	79 62	81 66	80 63	81 65	81 67	80 65	82 65	82 59	83 56	82 59	81 61	80 65	80 65	81 66	81 66	81 66	81 66	81 66	81 66	80.2 62.2			
WAIMANALO EXP FARM	MAX MIN	78 64	78 65	77 63	79 66	78 64	78 65	78 64	77 62	77 61	78 61	77 63	77 65	74 64	78 68	78 68	77 68	78 69	78 69	78 68	79 68	79 68	80 68	78 66	77 65	77 68	78 69	79 69	79 69	79 69	79 69	79 69	77.8 65.3			
ISLAND OF MOLOKAI																																				
MOLOKAI AP 524	MAX MIN																																			
ISLAND OF LANAI																																				
LANAI AIRPORT 656	MAX MIN																																			
LANAI CITY 672	MAX MIN				69 58	69 59	69 56	69 57	69 58						69 57	68 58	69 58				69 59	68 57	68 58	69 58				68 59	68 58	69 58	69 58	69 58	68.8 58.1			
ISLAND OF MAUI																																				
HALEAKALA RS 338	MAX MIN	62 40	50 40	57 40	52 34	58 35	59 37	61 36	60 36	60 38	54 45	56 45	50 42	51 41	57 41	60 41	58 45	58 45	59 40	69 40	58 35	51 35	56 35	56 36	55 36	59 46	59 42	62 42	65 42						57.6 39.7	
HALEAKALA SUMMIT 338.4	MAX MIN				48 37	47 32	45 35	50 37	52 36			52 30	42 34			44 33	46 35				47 34	49 36	52 34	53 34				56 29	47 32	49 39	49 32	47 32	47 32			
MANA AIRPORT 355	MAX MIN	76 64	71 66	75 64	75 64	78 64	74 62	77 61	78 65	78 62	70 64	78 65	70 64	72 65	78 65	79 65	80 66	77 66	77 68	79 68	78 65	79 60	79 60	79 67	78 65	77 62	78 68	79 68	79 68	79 68	79 68	79 68	76.7 64.6			
KAAHAPALI AP 453.1	MAX MIN	79 63	73 61	78 64	76 66	76 65	74 63	76 62	75 58	77 61	70 63	76 64	71 62	74 63	79 65	78 63	79 66	79 66	78 68	79 68	78 62	79 68	78 62	77 63	76 66	75 66	77 66	76 67	78 67	78 67	78 67	78 67	76.4 63.8			
KAHULUI WSO 398 AP	MAX MIN	71 68	80 67	77 69	80 65	77 68	77 64	78 56	79 56	79 62	77 70	75 66	80 65	82 65	83 64	80 68	80 68	81 69	82 68	83 68	80 61	80 58	80 60	79 59	79 67	78 69	80 70	80 70	81 70	79 69	79 69	79 69	78.8 65.6			
KAILUA 446	MAX MIN				80 61	72 61	73 61	68 60	59 59			75 59	72 62	73 61	73 63				74 64	70 64	73 64	73 65				77 59	73 63	75 64	76 66	74 63						73.6 61.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
FEBRUARY 1975

STATION		DAY OF MONTH																															AVERAGE				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
HAWAII																																					
KEAWAKAPU BEACH 260.2	MAX	83	82	82		80	82	79	79	80	81		80	79	70		79	82	82		82	87	86		84	82	82		80	83	82		83	85	82		86
	MIN	62	62	59		61	64	60	59	55	62		68	65	63		62	61	62		61	64	60		59	60	61		59	66	59		55	57	61		61
KULA SANATORIUM 267	MAX	70	68	69		68	69	65	67	67	69		69	70	69		64	68	68		70	68	70		72	71	69		70	68	70		69	70	70		72
	MIN	61	62	60		56	55	52	51	49	50		59	59	57		58	58	57		57	58	52		52	51	51		54	55	50		51	50	51		55
LAHAINA 361	MAX	73	82	81		83	80	80	81	80	79		78	71	81		81	82	81		83	83	82		81	81	80		84	81	83		83	84	85		84
	MIN	64	66	68		63	65	60	60	60	62		68	65	64		64	64	65		66	68	63		62	62	64		61	65	61		61	61	63		66
KAILUKE 386	MAX			81		75	77	73	76				79	75	68		70	76			81	76		77	79	80				80	75	77	77	78		76.5	
	MIN			62		61	62	63	62	60			63	63	63		63	66			65	67		67	61	61				61	67	68	68	66		63.8	
ISLAND OF HAWAII																																					
HAINA 214	MAX	75	78	78		79	76	69	75	75	75		76	76	68		75	69	77		78	77															
	MIN	64	63	65		66	64	61	63	64	62		62	65	62		64	66	63		64	62															
HAWAII VOLCNS NP HQ 54	MAX	60	62	68		64	63	66	62	64	68		64	65	60		64	61	64		67	67	59		63	64	65		69	69	62		67	69	67		62
	MIN	52	54	54		48	49	46	48	46	52		54	55	50		52	53	49		51	52	52		50	48	42		46	47	47		47	50	54		51
HILO WSO 87 AP	MAX	81	88	86		79	76	77	78	80	77		79	73	78		75	77	80		80	73	79		78	78	81		80	78	78		79	81	79		80
	MIN	67	63	65		68	66	63	65	63	66		67	67	65		67	66	63		63	66	66		63	61	60		62	63	68		67	64	67		66
KAINALIU 73.2	MAX	70	78	78		73	77	76	74	73	74		75	72	78		73	75	77		75	77	76		75	75	75		74	75	76		73	74	76		78
	MIN	65	61	64		59	59	58	56	56	58		62	62	59		59	59	61		62	60	62		59	58	61		56	57	57		58	59	59		59
KAMUELA 192.2	MAX	75	75	75		74	74	74	75	75	73		72	72	71		70	70	74		72	70	72		72	72	74		75	74	75		74	74	73		73
	MIN	56	50	50		58	46	40	35	49	52		43	50	49		45	52	45		47	42	41		46	46	57		44	42	42		44	43	40		43
KEAAU 92	MAX	70	80	82		84	78	72	75	76	78		77	76	71		75	71	77		78	78	71		77	75	75		78	79	76		76	78	78		78
	MIN	63	62	64		65	64	62	60	61	63		63	64	63		63	63	61		61	63	63		61	61	56		56	60	62		61	61	63		64
KOHALA MISSION 175.1	MAX	74	72	79		78	76	70	74	75	75		76	76	67		76	74	77		76	75	70		75	74	75		78	78	73		74	76	76		74
	MIN	64	62	66		64	64	62	61	59	59		64	64	60		61	65	64		64	63	63		63	59	60		60	61	65		65	65	64		65
KONA (KAILUAI) 68.3	MAX			81		80	81		79				80	79	73		79	80						82		81	81				81	80	80	82		81	
	MIN			65		65	65		64				63	67	64		65	65						65		66	66				64	64	62	65		66	
KULANI CAMP 79	MAX	59	64	68		67	60	60	59	57	61		59	65	65		59	52	55		53	61	60		57	59	58		61	62	61		62	65	65		57
	MIN	50	48	51		45	44	38	39	37	43		51	51	48		48	48	45		46	47	50		44	44	43		43	40	41		45	46	47		47
MAUNA LOA SLOPE OBS	MAX	37	42	45		44	47	49	46	45	48		45	39	43		43																49	52	52		48
	MIN	30	33	34		31	28	28	28	28	29		34	33	32		34															30	34	32		28	
MOUNTAIN VIEW 91	MAX	77	77	77		79	71	68	71	74	74		74	72	68		69	66	75		75	75	66		72	67	70		77	77	77		71	74	75		70
	MIN	59	59	59		60	58	56	55	56	56		56	61	59		59	59	59		59	59	59		58	56	53		53	53	53		53	56	60		59
NAALEHU 14	MAX			75		76	77	78	75				76	77	78		75				78	74		75	75	72				78	78	79	78		77		
	MIN			62		61	63	62	62				60	65	64		65				63	65		64	64	61				61	60	63	67		67		
OOKALA 223	MAX	80	75	76		76	73	74	73	77	76		78	76	69		75	75	78		77	77	72		75	75	76		78	77	78		77	77	77		77
	MIN	64	65	62		62	65	64	62	66	70		66	64	62		62	65	68		66	62	64		63	64	63		64	63	63		61	63	64		64
OPIHIKALE 2 24.1	MAX	77	72	76		79	78	72	72	76	75		77	70	74		76	77	78		75	77	78		76	76	71		77	76	75		75	77	78		76
	MIN	60	60	57		56	56	60	55	55	61		62	59	59		59	59	59		60	59	58		56	58	56		55	55	59		57	56	57		57
PAHALA 21	MAX		72	76		74	78	77	76				75	75	70		74	73	79		79	79	73		76	75	76		76	78	78		78	81	79		83
	MIN		63	61		60	59	59	60				57	63	63		62	62	61		61	63	62		60	59	56		56	56	56		57	57	62		62
PUAKO 95.1	MAX	75	74	80		77	84	82	81	80	80		77	79	71		79	80	83		80	81	84		81	80	79		79	80	79		80	84	78		82
	MIN	64	63	65		62	62	63	65	62	64		65	66	63		63	65	64		66	68	69		68	62	64		62	62	63		67	66	71		68
UPOLU POINT USCG 159.2	MAX	80	74	81		79	79	79	75	76	77		78	77			76				78	76	78						78	77		79	76	78		77	
	MIN	65	62	67		68	67	66	65	64	65		68	67	65		67	69	63		69	66	65						63	65		67	60	68		67	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
FEBRUARY 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND	MAX MIN	88 73	89 72	91 73	91 70	90 76	92 76	91 75		91 77	90 77	91 77	91 75	91 75	91 76			93 76	92 74	91 76	92 74		92 76	92 75	90 75	93 75	91 75						90.9 75.0	
JOHNSTON WSO AP	MAX MIN	81 73	81 72	81 72	80 73	79 70	78 69	77 71	77 67	79 70	78 68	78 72	80 73	80 73	81 71	81 74	80 75	80 72	80 75	80 75	81 75	80 74	80 75	80 75	80 74	79 74	80 73	80 69					79.7 72.4	
LEONE	MAX MIN																																	
FRENCH FRIGATE SHOALS	MAX MIN																																	
MIDWAY SAND ISLAND	MAX MIN	68 60	63 54	64 54	71 63	73 63	75 65	68 58	68 58	64 59	67 58	73 58	74 65	71 62	70 60	69 58	75 68	75 68	75 68	75 66	70 57	74 54	76 66	76 68	77 65	70 60	70 56	70 65	71 64				71.1 61.4	
PAGO PAGO WSO AP	MAX MIN	88 75	87 76	87 76	87 75	88 73	85 75	85 74	88 71	87 76	87 73	87 80	87 76	88 74	86 73	86 72	88 75	87 76	86 76	87 74	87 75	86 74	86 75	87 77	83 74	82 75	87 75	85 75					86.4 74.8	
SWAINS ISLAND	MAX MIN																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM	MAX MIN	83 76	82 76	81 75	83 75	83 75	84 75	82 75	84 76	83 76	84 75	82 76	83 74	83 75	83 75	83 75	83 75	83 77	84 76	85 77	84 77	84 77	84 76	85 76	84 77	84 75	84 77						83.3 75.8	
CLARK AFB LUZON	MAX MIN	88 72	88 73	90 72	90 72	88 72	86 72	86 66	82 63	88 66	88 66	88 72	86 72	90 70	90 72	91 73	90 72	88 72	90 72	88 70	84 68	82 68	82 70	82 68	82 68	84 72	88 68	90 70	90 72					87.3 70.3
GUAM NAS	MAX MIN	85 77	84 80	83 78	84 76	85 75	83 74	82 76	82 75	82 77	82 76	82 76	84 76	82 76	81 76	82 77	83 75	84 75	82 76	82 76	84 77	83 77	84 78	84 76	83 76	84 77	84 77	83 78					83.1 76.5	
GUAM WSO	MAX MIN	84 73	83 74	83 70	82 73	84 67	84 71	83 72	84 73	84 73	85 71	84 67	85 72	84 72	83 70	84 70	85 64	84 62	86 65	86 66	85 66	85 70	85 69	86 69	85 73	86 73	86 74	86 71	86 70					84.5 70.4
SAIPAN USCG LORAN	MAX MIN	88 73	83 72	81 75	84 70	84 72	84 72	84 71	84 73	86 74	85 76	84 69	85 66	85 65	82 76	85 75	85 69	86 70	87 71	85 72	83 73	85 73	85 72	87 71	86 74	86 74	85 71	85 71					84.8 72.2	
WAKE WSO AP	MAX MIN	79 70	75 66	78 68	78 66	81 68	82 68	81 69	77 67	79 67	80 68	81 69	82 71	83 72	83 69	86 67	82 72	82 73	82 73	83 72	83 72	81 68	84 71	85 70	84 72	82 71	83 69	82 73	81 65					81.3 69.5
CAROLINE AND MARSHALL ISLANDS																																		
ENIWETOK	MAX MIN	85 74	85 74	87 71	85 72	86 77	85 79	83 80	86 81	83 80	89 80	89 80	84 80	89 80	86 80	87 80	84 80	85 80	83 80	85 80	89 80	85 80	82 81	84 75	84 80	84 80	86 80	86 80					85.4 78.5	
FALALOP I. ULITHI	MAX MIN	84 78	84 73	84 78	85 75	85 75	85 75	85 79	85 76	85 76	85 75	85 75	85 77	84 79			86 79	86 77	85 74	83 73	85 78	85 74	86 80	86 79	85 76	86 76	86 75	86 75	86 76					85.0 76.3
KAPINGAMARANGI ATOLL	MAX MIN																																	
KOROR WSO	MAX MIN	87 75	87 76	87 74	88 75	87 74	88 76	89 76	89 73	88 73	90 75	88 74	88 74	88 78	89 78	88 78	89 79	88 78	89 78	88 75	89 77	88 77	87 76	87 76	87 77	88 79	88 78	87 78					87.8 75.0	
KWAJALEIN WSO AP	MAX MIN	86 77	86 77	86 75	86 77	87 78	87 77	87 78	87 78	87 78	87 79	87 78	87 78	87 78	87 78	87 78	87 79	88 78	87 78	88 78	87 75	87 77	87 77	87 79	87 78	88 78	88 78	89 78					87.0 77.7	
LELE I. KUSAIE	MAX MIN	91 75	91 76	91 75	91 73	90 73	91 73	91 70	90 78	88 79	89 75		89 75	91 70	88 79	88 79	91 73	91 73	89 79	90 74	88 74	89 77	88 73	88 77	88 78	84 76	89 76	89 77					89.4 75.4	
MAJURO WSO AP	MAX MIN	83 77	83 78	83 76	85 77	85 78	84 78	85 77	85 78	84 78	86 78	86 76	83 74	85 76	86 78	85 79	86 78	85 80	86 78	86 75	86 78	86 75	84 78	82 75	84 75	85 75	84 75	85 76					84.8 77.2	
METALANIM	MAX MIN	85 81	85 73	85 74	84 77	85 79	85 76	85 78	84 78	84 79	83 79	84 79	84 78	83 75	84 75	84 77	84 75	84 74	87 75	85 74	84 75	84 74	85 74	87 77	87 80	84 82							84.6 76.9	
PONAPE WSO	MAX MIN	87 77	87 78	89 77	89 78	89 75	89 78	87 78	87 78	88 78	87 79	88 79	86 76	89 75	89 78	87 75	85 77	85 73	87 78	87 75	87 79	87 78	88 78	88 74	88 74	87 76	89 75	89 78					87.8 76.8	
TRUK. MOEN I. WSO AP	MAX MIN	86 79	86 79	86 75	85 75	86 76	86 78	86 79	87 78	87 79	86 79	85 77	86 79	85 79	86 78	86 77	87 75	84 74	84 78	85 76	86 79	86 79	86 78	87 78	87 78	87 76	87 77	85 79					85.9 77.5	
MOLEAI ATOLL	MAX MIN																																	
YAP WSO AP	MAX MIN	86 74	87 75	88 75	84 75	86 75	85 75	87 76	87 75	86 73	86 75	87 75	86 75	86 73	87 76	86 73	86 73	86 73	87 73	88 72	87 77	88 75	87 75	88 77	88 75	88 76	89 76	85 76	88 77	88 75				86.8 74.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII ISLAND OF KAUAI L[HGE WSO 1020.1 AP	EVAP WIND MAX MIN	- 134 75 59	.78 61 69 60	.08 61 76 58	.19 56 80 58	.16 93 77 57	.25 125 73 58	.23 110 75 57	.34 93 78 53	.42 72 79 57	.05 70 77 56	.15 49 76 58	.11 88 75 57	.19 145 76 57	.18 209 76 61	.19 159 80 63	.25 142 84 63	.19 213 80 63	- 238 77 59	.31 239 78 59	.34 178 80 59	.17 78 84 57	.19 67 84 57	.18 95 79 58	.32 200 78 58	.32 182 79 59	.07 179 78 61	.38 211 76 61	.18 253 77 62	6.098 381.7 77.7 58.8		
ISLAND OF OAHU HONOLULU OBSERV 702.2	EVAP MAX MIN	- 76 61	.05 78 62	.15 84 62	.15 83 61	.17 81 61	.18 82 57	.17 81 56	.19 83 56	.17 84 56	.10 81 60	.17 75 60	.15 75 60	.15 79 59	.15 81 59	.16 82 61	.15 80 61	.24 86 62	.23 85 61	.19 84 60	.21 82 60	.18 88 59	.11 85 58	.20 82 58	.25 85 58	.24 85 58	.19 85 63	.23 87 62	4.858 82.3 59.6			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.37	.28	.34	.31	.19	.22	.38	.01	.17	.23	.27	.36	.39	.30	.29	.34	.34	.33	.34	.33	.35	.34	.29	.46	.40	.33	.44	.35			8.75	
	WIND	187	99	141	197	194	255	249	133	125	237	252	248	237	186	199	250	262	234	238	198	194	219	271	255	262	225	298	271			6127	
	MAX	84	88	85	84	81	81	81	79	83	80	80	83	85	90	87	84	86	86	86	86	90	87	81	83	85	83	85	84			84.1	
	MIN	65	68	67	67	69	69	69	69	66	68	68	67	67	69	69	69	72	71	70	69	69	69	72	67	67	68	68	69			68.5	
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12° N																																	
GUAM WSO	EVAP	.37	.21	.26	.23	.27	.21	.22	.26	.31	.24	.14	.39	.08	.19	.16	.26	.21	.23	.24	.24	.21	.24	.28	.26	.24	.30	.30	.25			6.80	
	WIND	-	146	82	151	102	130	164	161	172	140	55	122	121	149	155	171	55	55	88	158	110	126	83	116	147	176	176	104			11305	
	MAX	84	85	85	84	84	87	83	85	85	85	87	87	84	82	88	93	89	88	87	86	87	86	83	95	86	87	86	91			86.3	
	MIN	67	69	69	67	69	68	68	69	68	68	67	69	69	69	70	67	67	67	67	67	69	69	69	67	67	69	70	69	69			68.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A		C	MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A		C	MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A		C	MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A		C	LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A		C	LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIIILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050	VAR				LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	2227	01	HANAIEI	1	22 09	159 34	690	WI				MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A		C	LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A		C	LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A 4566	01	HANAIEI	1	22 11	159 24	415		7A			CLOSED 1/27/75
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A		C	KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5560	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		6A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565		7A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220	VAR			C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
*HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID	C	J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID	C		NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10			C		MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 57	25		8A			LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75			C		GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			CLOSED 1/27/75
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P	C		PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240			C		MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410			C		EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	70		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325			C		CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015			C		FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A	C		WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A	C		PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20			C		DEAN FUJII
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900			C		JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40			C		THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000			C		BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325					R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A	C		WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40			C		MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180			C		WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120			C		WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAPUPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAPUPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70			C		MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH. LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			CLOSED 1/27/75 DOLE COMPANY ALOHA AIRLINES MISS MIRIAM DAVIS PUUOHOKU RANCH MOLOKAI RANCH
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A	C		
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10			C		
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A	C		
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI	C		
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI	C	LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY	
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A	C		
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI	C		
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR		ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCCRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO	
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050			C		
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					S
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525			C		
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A	C		
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A	C	HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC	
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125			S		
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100			C		
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650			C	EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL	
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID	C		J
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUUAULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020			C		
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A	C	HAWAIIAN COM & SUG CO HANA RANCH MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD	
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788			S		
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A	C		
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A	C		
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372A	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290			S	MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO.	
NAKALELE FIELD 60 497	6645	04	LAHAINA	4	21 02	156 36	340	VAR	VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127					
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			
	7079								7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI	C	E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POMAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150	VAR	VAR			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2080		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN LUM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN LUM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310	VAR				KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A			ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 11	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		7A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	400	VAR				EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAILOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220					HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A 0190	01	N KOHALA	1	20 10	155 43	1870	VAR				CLOSED 1/27/75
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A 0450	01	S KOHALA	1	20 07	155 43	400		MO			CLOSED 1/27/75
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	400	8A			C	HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIIU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	100		7A			KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A			REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A 1864	01	N KOHALA	1	20 09	155 44	800	VAR				CLOSED 1/27/75
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1130		7A		C	MAUNA KEA SUGAR CO
HONUOLA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700					RUSSELL P. SMITH
KAINALIHI 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10	VAR				HAWAII VOLCANOES NAT PK
KAMAHA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290	VAR				DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEATWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700					KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIIU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF HAWAII													
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS. ST DEPT OF SOCIAL SER STATE DEPT OF L&N RES KONA EXPERIMENT STATION STATE DIV OF PARKS PARKER RANCH STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION	
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI				
LALAMULO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C		
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A				
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C		
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A				
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI				
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P				
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A				
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A				
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH HAWAIIAN RANCH CO PUNA SUGAR CO KAU SUGAR COMPANY, LTD KONA EXPERIMENT STA KOHALA CORPORATION LAUPAHOEHOE SUGAR CO MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY	
MORALA 18	A 6407	03	KAU	3	19 11	155 30	600		MO				
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A				
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A				
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A				
NIULII 179	A 6806	01	N KOHALA	1	20 14	155 45	75		6A				
OOKALA 223	7131	J2	N HILO	2	20 01	155 17	430	7A	7A				
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A				
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR				
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A				
PAAUULO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY HAWAIIAN RANCH CO INC MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY STATE DIVISION OF PARKS ERWIN H. RAPP KUKAIAU RANCH CO	
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A				
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A				
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO				
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A				
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A				
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO				
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C		
PUAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A				
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO				
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO MISS JACKIE BENLEHR PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY HAWAIIAN RANCH COMPANY KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO	
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO				
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO				
PUU OO 82	A 8550	02	S HILO	2	19 44	155 23	6340		WI		C		
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C		
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM				
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C		
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A				
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A				
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A				
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH	
CLOSED STATIONS													
ISLAND OF KAUAI													
KILAUEA FIELD 17 1135	A 4566	01	HANALEI	1	22 11	159 24	415		7A			CLOSED 1/27/75	
ISLAND OF OAHU													
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			CLOSED 1/27/75	
ISLAND OF MOLOKAI													
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			CLOSED 1/27/75	
ISLAND OF HAWAII													
AWINI 182.1	A 0190	01	N KOHALA	1	20 10	155 43	1870		VAR			CLOSED 1/27/75	
EAST HONOKANE 183.2	A 0450	01	S KOHALA	1	20 07	155 43	4220		MO			CLOSED 1/27/75	
HONOKANE 181.1	A 1864	01	N KOHALA	1	20 09	155 44	800		VAR			CLOSED 1/27/75	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A		NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID		NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID			NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7		8A	8A		DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID			NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID			NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 21E	10	MID	MID			NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 14E	30		8A	8A		REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID			NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		5P			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID			NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID			NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

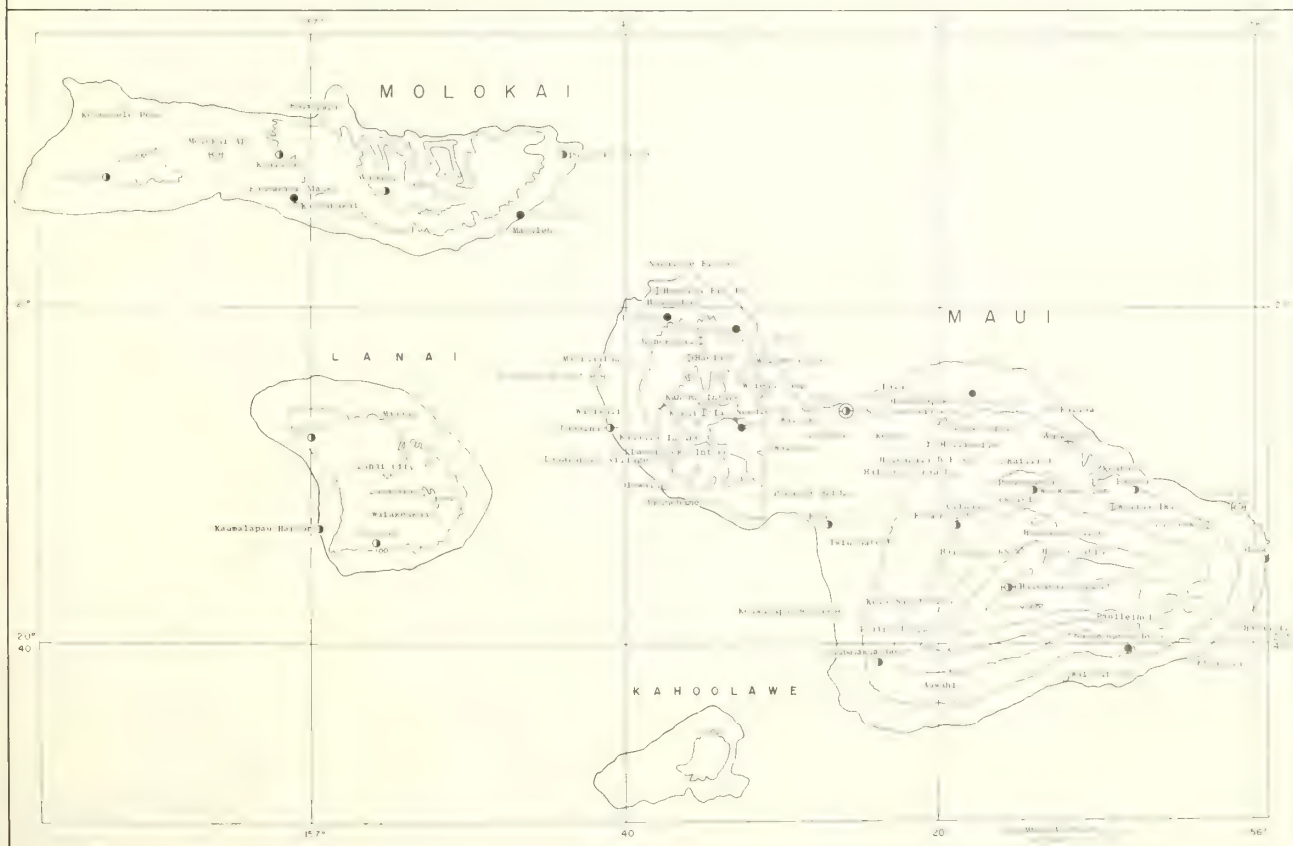
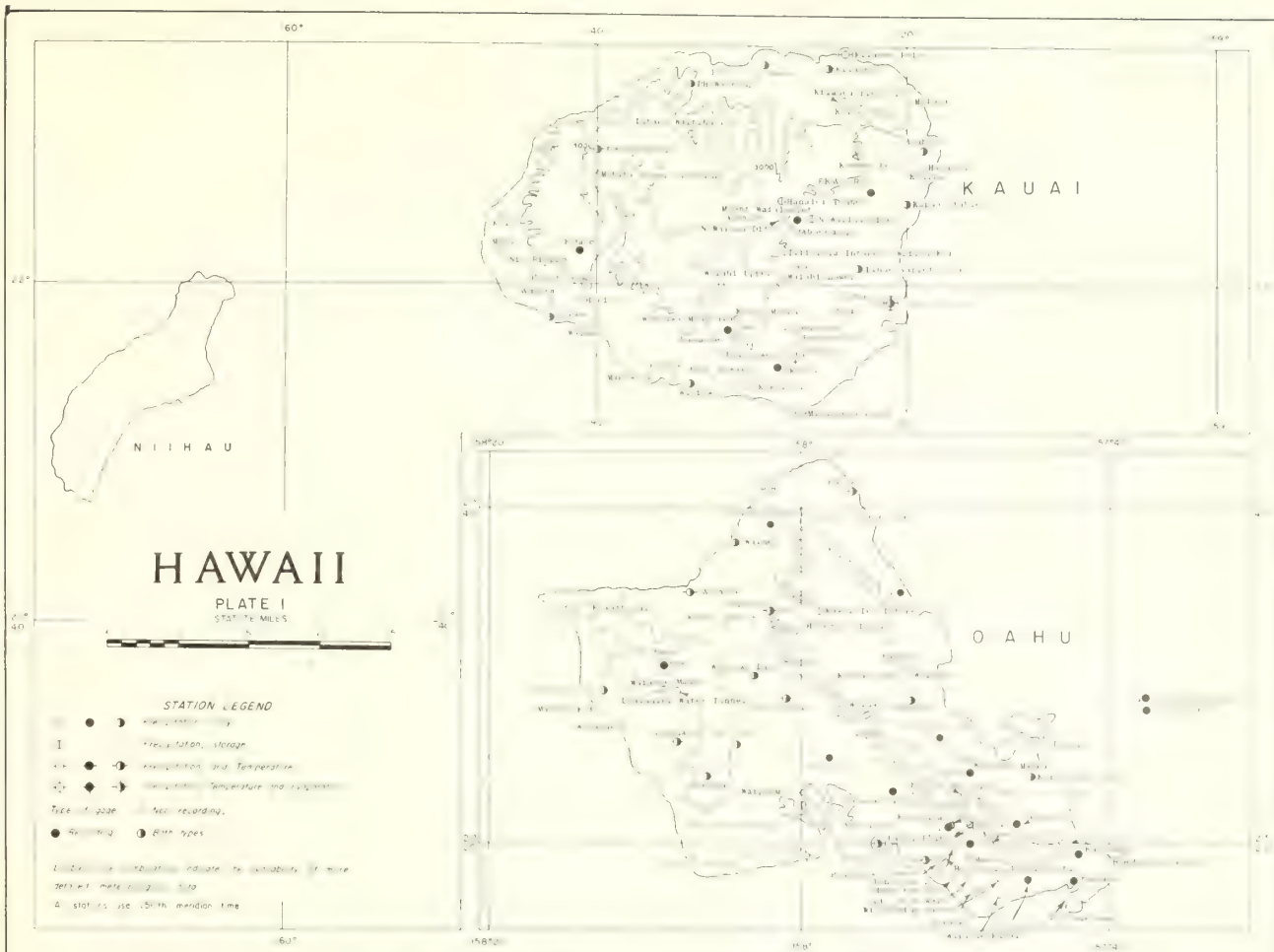
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

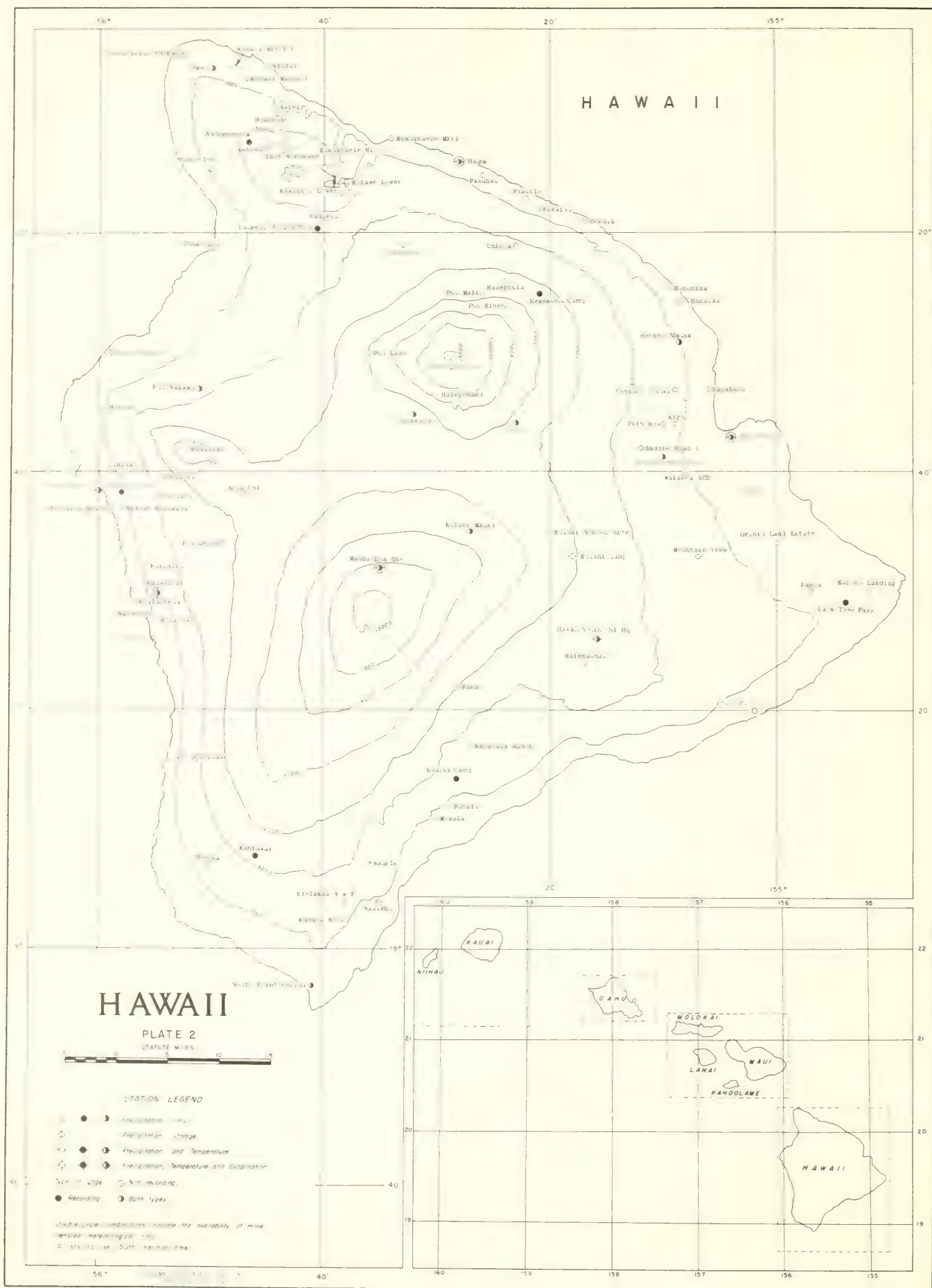
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

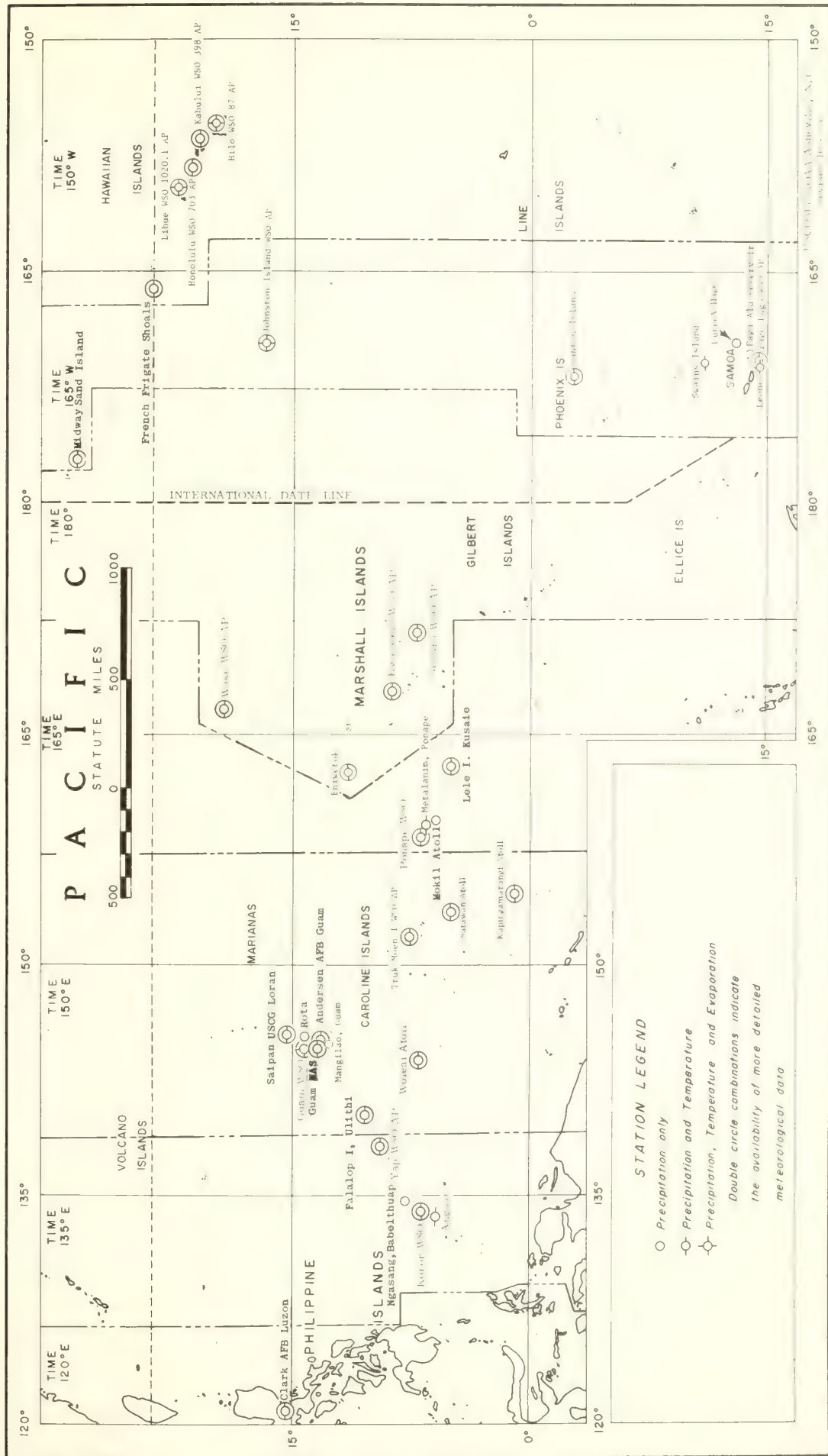
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

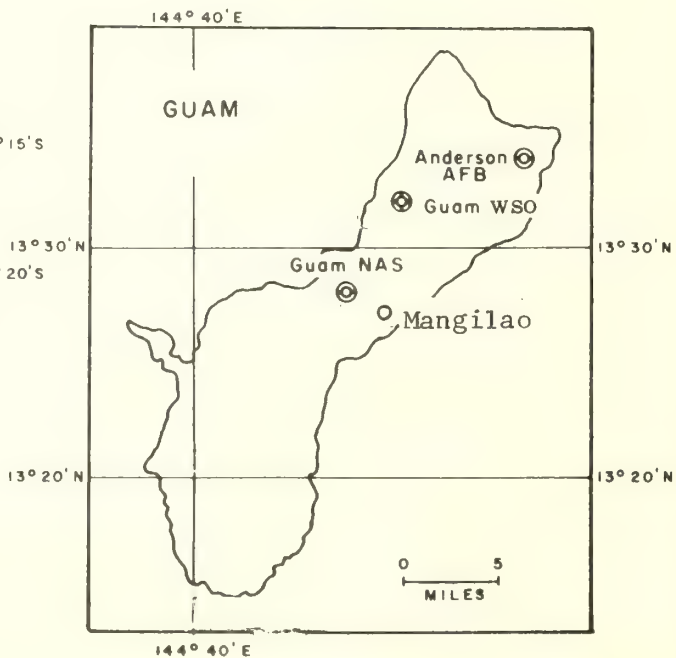
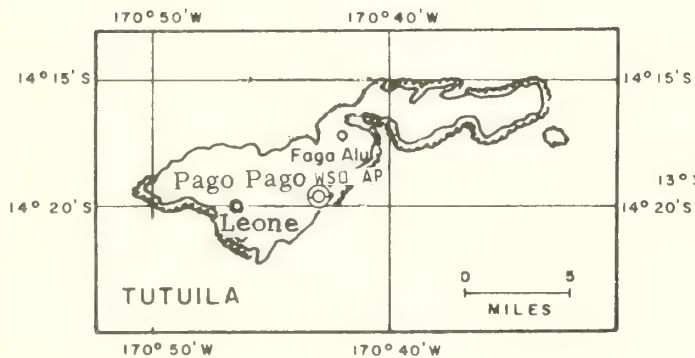
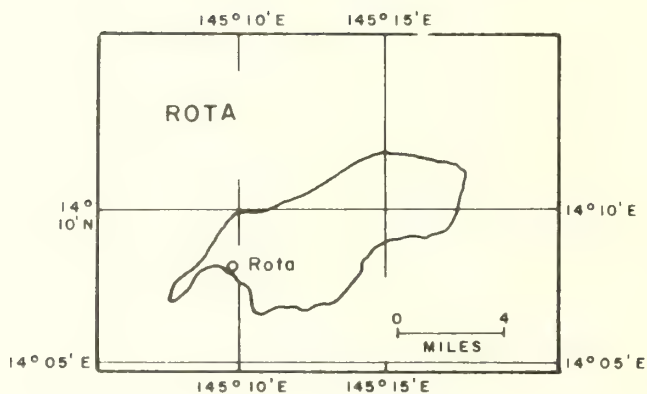
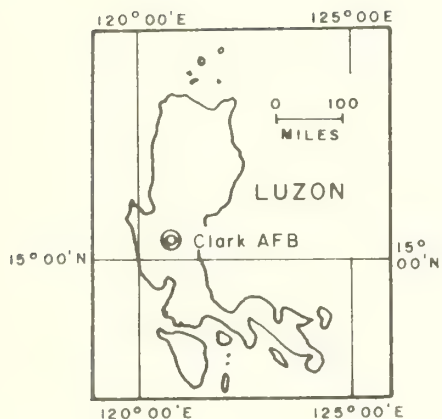
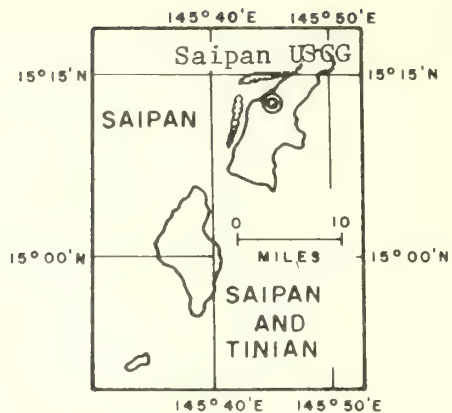
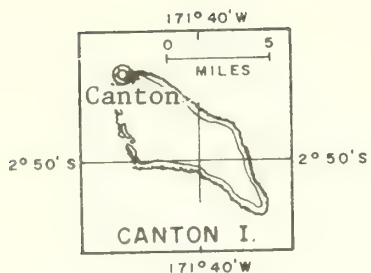
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 6/5/75-1000

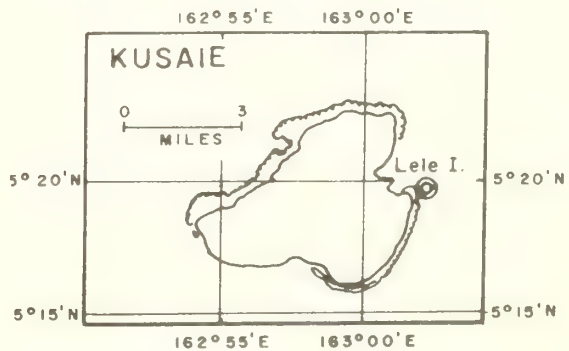
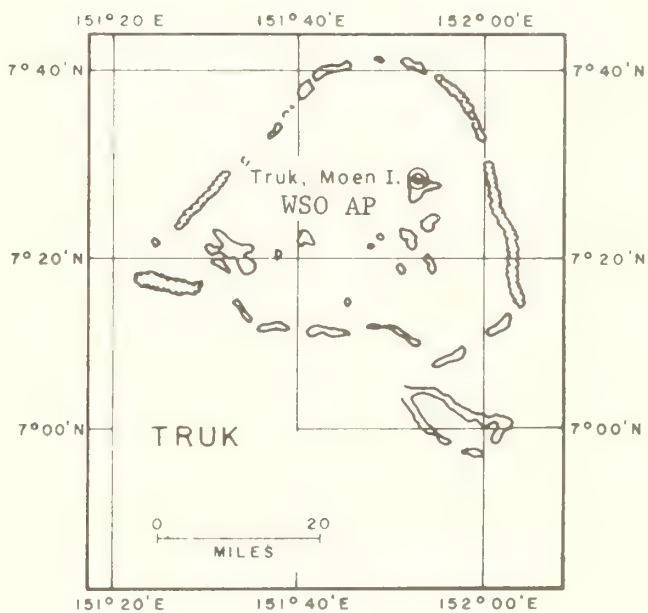
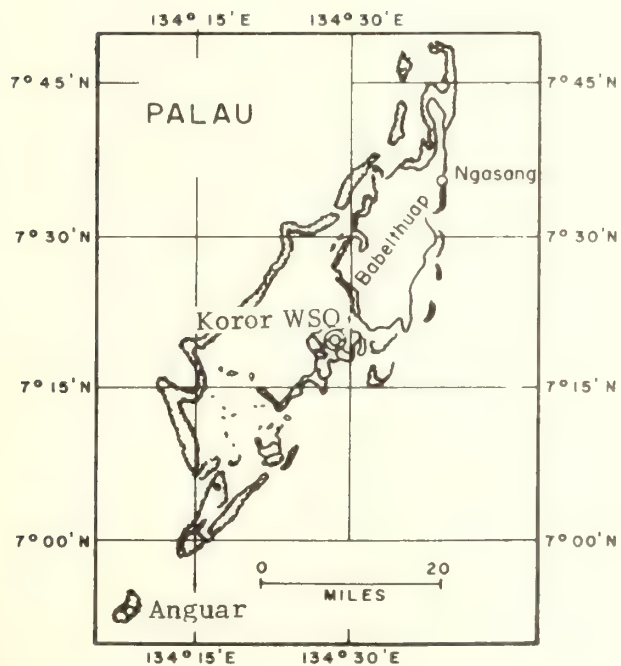
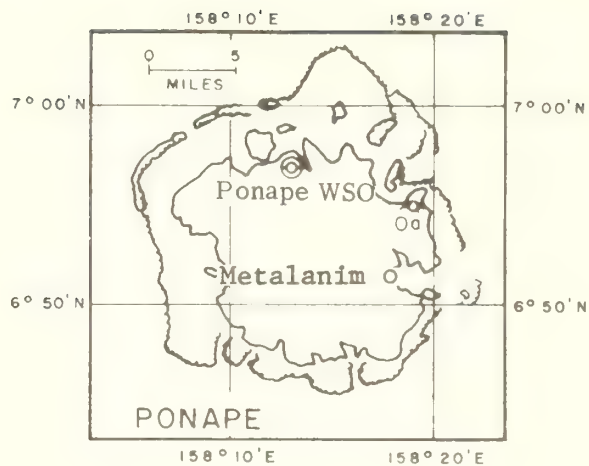
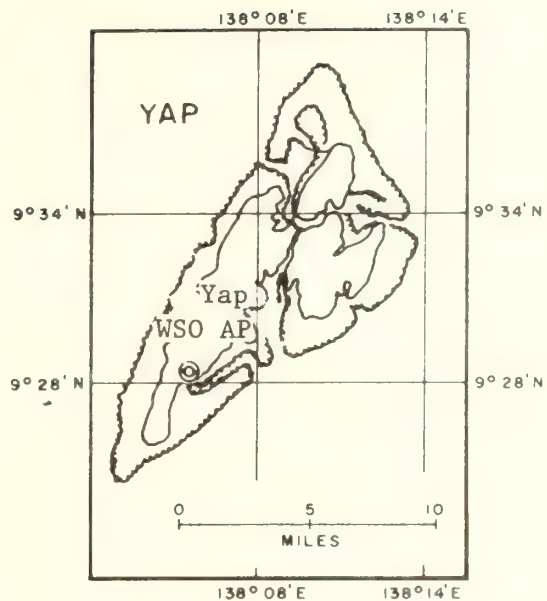




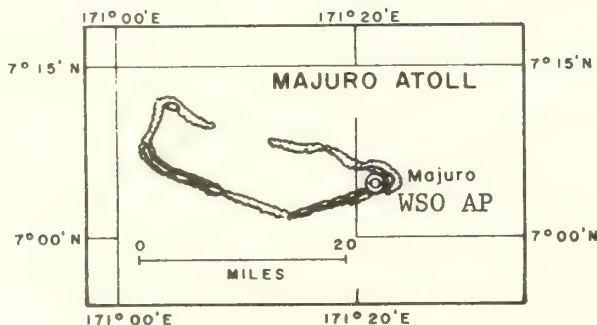
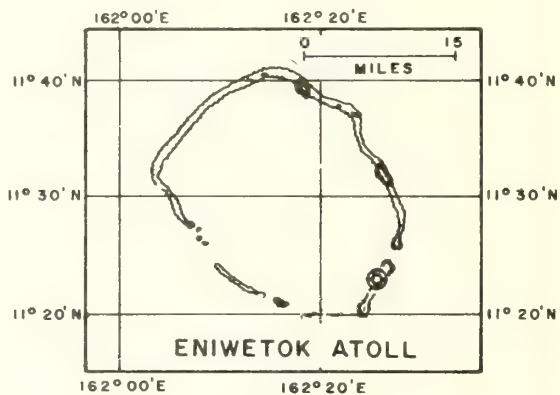
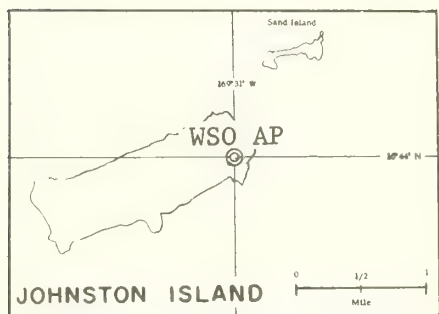
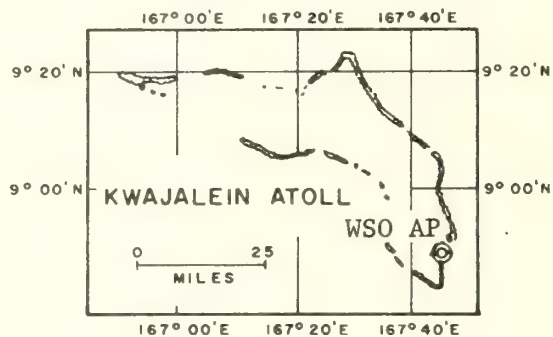
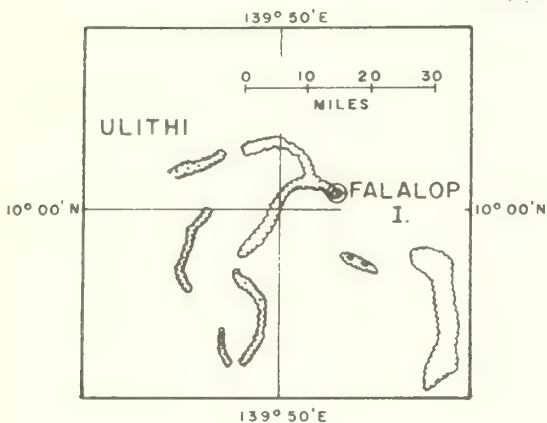
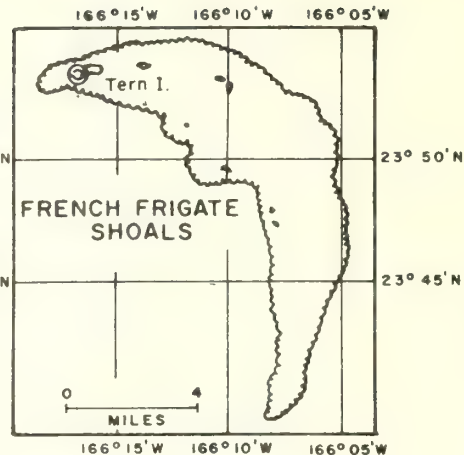
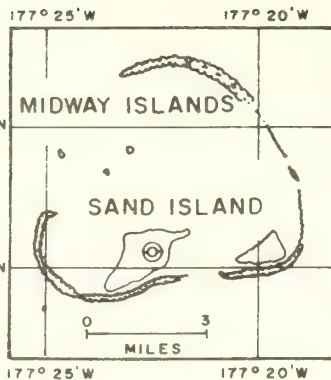
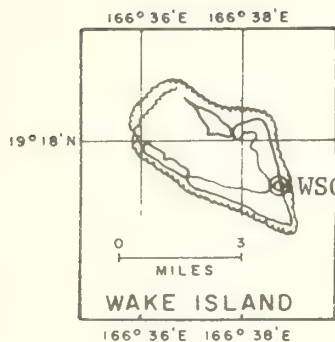




Reef



— Reef



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Climatological Data



HAWAII AND PACIFIC

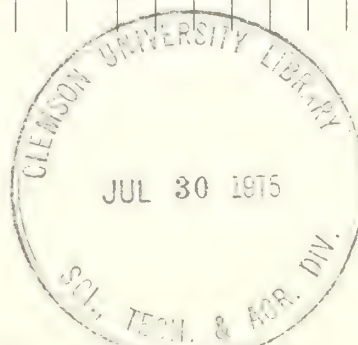
TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	KEAWAKAPU BEACH 260.2	MAUI	89	DATE 19
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	28	DATE 03+
GREATEST TOTAL PRECIPITATION:	HONOMU MAUKA 138	HAWAII	27.73	
LEAST TOTAL PRECIPITATION:	HOLUA CABIN 259.5	MAUI	.00	
GREATEST 1 DAY PRECIPITATION:	KANALOHULUHULU 1075	KAUAI	8.05	DATE 29

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSO AP	-	-	-	20	E	04	-	72	70	88	2	6	6	0	0	0	14	88	-
HILO, HAWAII, WSO AP	16	1.9	6.8	21	SE	30+	85	78	66	79	2	8	13	4	2	1	30	35	8.2
HONOLULU, OAHU, WSO AP	6	9.6	12.1	28	NE	20	78	74	58	71	16	6	1	0	1	0	24	49	6.9
JOHNSTON ISLAND WSO AP	8	15.8	17.7	35	NE	27	77	76	71	74	8	11	3	1	0	0	23	73	5.0
KAHULUI, MAUI, WSO AP	6	11.4	13.7	30	NE	20	73	72	55	67	9	4	2	0	1	0	16	59	6.1
KOROR WSO AP	7	7.2	8.6	21	NE	19	86	-	78	73	4	4	5	2	2	0	17	73	8.8
KWAJALEIN WSO AP	6	15.0	15.2	22++	6	06	77	79	65	70	5	8	0	0	0	0	13	-	6.2
LIHUE, KAUAI, WSO AP	7	11.3	14.3	23	NE	19+	77	77	64	76	12	12	3	0	0	1	28	55	7.1
MAJURO WSO AP	7	14.6	15.0	34	E	13	80	82	74	78	9	6	4	3	0	2	24	59	7.5
PAGO PAGO WSO AP	8	8.5	12.0	36	N	31	86	85	75	81	2	10	9	5	1	0	27	52	8.3
PONAPE WSO AP	-	-	-	18	NE	16+	81		76	76	3	7	12	0	3	2	27	54	9.5
TRUK,MOEN I., WSO AP	6	10.0	10.9	20	SE	07+	80		74	76	6	6	5	2	4	1	24	45	9.7
WAKE WSO AP	8	9.8	13.2	30	E	27	81	83	65	72	5	10	7	0	0	0	22	76	4.8
YAP WSO AP	8	8.8	9.2	20	NE	18+	83		73	69	5	6	6	0	1	0	18	78	7.1



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1975

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE	
											50° OR ABOVE	32° OR ABOVE	32° OR BELOW	50° OR BELOW											
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A	65.1	49.1	57.1		71	1	41	31+		0	0	0	0	4.67				.0	0		6	2	2	
KANALOHULU 1075														12.04		8.05	29		.0	0					
KAPAA STABLES 1104	A													4.61					.0	0					
KILAUEA POINT 1133		76.3M	65.8M	71.1M		81	27	54	4		0	0	0	0	4.03		1.47	29		.0	0		5	4	1
KOLOA 936	A													2.25		.48	14		.0	0			0	0	
LIHUE WSO 1020.1 AP	//R	77.5	67.7	72.6	.9	80	27+	56	30		0	0	0	0	3.36	- 1.31	2.07	28		.0	0		4	1	1
MANA 1026		82.4	61.5	72.0	.7	86	19	57	31		0	0	0	0	2.39	- .27	1.15	28		.0	0		3	2	1
N MAILUA DITCH 1051	III													17.10					.0	0					
PH WAINIHA 1115														9.10					.0	0					
PUEHU RIDGE 1040														1.85	- 1.40				.0	0					
WAHIAWA 930	A													2.51	- 1.03				.0	0					
WAHIAHI LOWER 1054		75.8	61.4	68.6		80	24	50	29		0	0	0	0	8.39	- 2.47	1.73	29		.0	0		17	6	2
WAIKOA 947														1.55	- .67				.0	0					
ISLAND				68.3										5.68					.0						
ISLAND OF OAHU																									
CHURCH COLLEGE LAIE		79.3	67.1	73.2		84	28	58	30		0	0	0	0	5.97		1.53	28		.0	0		11	4	2
HONOLULU OBSERV 702.2														1.46		.84	28		.0	0		3	1	0	
HONOLULU WSO 703 AP	R	80.4	65.5	73.0	.0	84	7	58	29		0	0	0	0	2.02	- 1.16	1.43	28		.0	0		2	1	1
KANEODE MAUKA 781		76.9	66.7	71.8	.6	84	26	58	29		0	0	0	0	4.97	- 3.05	1.42	28		.0	0		9	3	1
KOOLAU DAM 833	A													11.06		1.85	28		.0	0		24	6	2	
LUALUALEI 804	A	78.7	64.6	71.7		83	26+	56	30		0	0	0	0	2.03		1.48	28		.0	0		1	1	1
MANOA LYON ARBORETUM		74.3	63.0	68.7		82	27	57	29		0	0	0	0	13.63		2.10	12		.0	0		24	10	4
NUUANU RES 4 783														13.32		2.04	28		.0	0		22	12	4	
OPAEULA 870	A	82.0	61.9	72.0	5.2	85	25+	59	5+		0	0	0	0	3.60				.0	0					
PALOLO VALLEY 718	R													11.10	- 3.79	2.38	28		.0	0		20	9	3	
PRI WAHIAWA 820.2	A	76.7	60.8	68.8		82	31+	55	31		0	0	0	0	2.85				.0	0					
WAHIAWA DAM 863	III													3.10					.0	0					
WAHIAHOLE 837	A													8.92					.0	0					
WAIKALEE 896.3		77.8M	66.3M	72.1M		83	28	60	30+		0	0	0	0	4.50		2.11	29		.0	0		2	1	
WAILAUA 847	A	78.5	61.8	70.2	.1	84	28	56	3		0	0	0	0	3.52	- .32	1.75	28		.0	0		2	2	
WAIKIKI 717.2		80.9	63.7	72.3		84	14	54	29		0	0	0	0	3.47		1.32	28		.0	0		4	2	2
WAIMANALO EXP FARM		77.9	66.3	72.1		83	26	57	29		0	0	0	0	4.51		2.06	28		.0	0		5	3	1
WAIPIAHU 750	A													1.76					.0	0					
ISLAND				71.4										5.66					.0						
ISLAND OF MOLOKAI																									
KUALAPUU 534	A													1.12					.0	0					
MAUNALOA 511	A													3.18					.0	0					
MOLOKAI AP 524																			.0	0					
ISLAND				.0										3.15					.0						
ISLAND OF LANAI																									
LANAI CITY 672	A	M	M	M							0	0	0	0	1.87	- 2.65			.0	0					
ISLAND				.0										1.87					.0						
ISLAND OF MAUI																									
HALEAKALA B E S 434	A	59.8	40.7	50.3	.1	70	22	34	27		0	0	0	0	6.23		1.95	29		.0	0		12	3	2
HALEAKALA RS 338		77.4M	65.6M	71.5M		81	28	60	1		0	0	0	0	2.54	- 3.17	.82	30		.0	0		7	2	0
HANA AIRPORT 355														3.68		.86	30		.0	0		12	2	0	
HONOKOHUA 493	A	77.9	64.9	71.4		83	25+	61	29		0	0	0	0	2.52				.0	0					
KAAHAPALI AP 453.1														1.69					.0	0		1	1	1	
KAHULUI WSO 398 AP	R	80.5	63.5	72.0	-.2	86	24	58	27+		0	0	0	0	1.89	- .98	1.25	28		.0	0		3	1	1
KAILUA 446		M	M	M							0	0	0	0	9.17	- 3.79			.0	0					
KEANAE 346	A													17.20					.0	0					
KIPAHULU 258														4.60	- 4.75	.48	30+		.0	0		18	0	0	
KULA SANATORIUM 267		67.8	53.0	60.4	-.8	72	12	48	2		0	0	0	0	2.77	- .76	1.23	29		.0	0		3	2	
LAHAINA 361		81.8	63.6	72.7	.8	87	23	60	4+		0	0	0	0	1.64	- .40	1.63	30		.0	0		1	1	1
PAIA 406														2.43	- 1.75	1.22	29		.0	0		6	1	1	
WAILUKU 386	A	M	M	M							0	0	0	0	1.77	- 2.39			.0	0					
ISLAND				66.4										4.47					.0						
ISLAND OF HAWAII																									
HAUNA 214		62.6	49.6	56.1	- 1.7	67	29+	45	2		0	0	0	0	5.24	- 3.59			.0	0					
HAWAII VOLCONS NP HQ 54		78.1	64.2	71.2	.1	84	29+	60	2		0	0	0	0	12.16	.41	2.55	1		.0	0		22	8	3
HILO WSO 87 AP	R													10.40	- 3.29	2.50	12		.0	0		20	7	3	
HUEHUE 92.1														2.00					.0	0					
KAINALIU 73.2	A	74.4	59.1	65.8		77	28+	56	2		0	0	0	0	2.56	- 2.60	.66	1		.0	0				0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH
1975

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1975

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS					
											MAX.	MIN.	30° OR BELOW	32° OR BELOW					34° OR BELOW	TOTAL	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																										
EAST OF 180TH MERIDIAN																										
	CANTON ISLAND	90.8M	75.4M	83.1M		93	13	72	31		22	0	0	0	1.57		.79	19	.0	0		1	0			
	FAGA ALU RESERVOIR														10.02		2.00	31	.0	0	14	6	4			
	JOHNSTON WSO AP	79.6	72.4	76.0	-.6	82	15	69	18+		0	0	0	0	1.71	- 1.14	.71	17	.0	0		1	0			
	LEONE														14.39		1.74	30	.0	0						
	FRENCH FRIGATE SHOALS																		.0	0						
	LUMA VILLAGE														8.11		2.24	2	.0	0	13	5	2			
	MIDWAY SAND ISLAND	72.5	62.9	67.7	1.3	81	16	51	26		0	0	0	0	4.52	1.52	1.62	3	.0	0	6	4	1			
	PAGO PAGO WSO AP	85.8	76.3	81.1	.7	88	25+	72	12+		0	0	0	0	6.57	- 5.50	1.02	3	.0	0	15	6	1			
	SWAINS ISLAND																		.0	0						
WESTERN PACIFIC ISL. NORTH OF 12 N																										
	ANDERSEN AFB GUAM	83.1	75.4	79.3	.8	87	28	72	21		0	0	0	0	2.47	-.23	.57	20	.0	0	8	1	0			
	CLARK AFB LUZON	91.7	73.2	82.5	1.4	97	31+	70	26+		28	0	0	0	.20	-.65	.15	8	.0	0	1	0	0			
	GUAM NAS	83.9	76.8	80.4	.4	89	19	74	21		0	0	0	0	1.72	-.56	.68	21	.0	0	5	1	0			
	GUAM WSO	85.3	69.0	77.2	-.5	88	30	62	16		0	0	0	0	2.25	-.69	.43	21	.0	0	6	0	0			
	MANGILAO														2.40		1.34	21	.0	0	7	1	1			
	ROTA																		.0	0						
	SAIPAN USCO LORAN																		.0	0						
	WAKE WSO AP	83.0	70.9	77.0	-.7	86	13	68	31+		0	0	0	0	1.44	-.16	.23	24	.0	0	7	0	0			
CAROLINE AND MARSHALL ISLANDS																										
	ANGUAR														4.26	- 2.58	1.02	16	.0	0	12	4	1			
	ENIWE TOK																		.0	0						
	FALALOP I., ULITHI																		.0	0						
	KAPINGAMARANGI ATOLL																		.0	0						
	KOROR WSO	88.2	75.1	81.7	.6	90	28+	73	25		5	0	0	0	6.69	- 1.10	1.89	15	.0	0	9	4	2			
	KWAJALEIN WSO AP	88.0	78.5	83.3	1.6	89	30+	76	30		0	0	0	0	.16	- 6.05	.06	30	.0	0	0	0	0			
	LELE I., KUSAIE																		.0	0						
	MAJURO WSO AP	84.7	76.6	80.7	-.5	86	21+	74	25+		0	0	0	0	7.77	- 1.48	2.55	14	.0	0	9	5	2			
	METALANIM	84.1	79.6	81.9		86	23+	76	13+		0	0	0	0	3.15		3.15	13	.0	0	14	9	6			
	MOKIL ATOLL																		.0	0						
	NOASANG, BABELTHUAP														4.66		1.18	16	.0	0	10	4	1			
	PONAPE WSO	86.1	75.8	81.0	.2	88	30+	72	20+		0	0	0	0	15.99	-.95	4.44	2	.0	0	17	5	5			
	SATAHAN ATOLL																		.0	0						
	TRUK, MOEN I. WSO AP	86.1	77.2	81.7	.4	88	30+	73	24+		0	0	0	0	11.17	3.19	2.91	23	.0	0	12	7	5			
	WOLEAI ATOLL																		.0	0						
	YAP WSO AP	87.4	74.2	80.8	-.2	89	15+	71	25+		0	0	0	0	3.12	- 2.46	1.40	16	.0	0	7	1	1			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
MARCH 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAHAKAKAI 536	1.59	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.59	
KONELELE PENS 551	3.60	x	x	x	x	x	x	x	x	.36	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.24	
KUALAPUU 534	3.12	x	x	.01	.19	.02	.01	x	x	x	.01	x	x	x	x	x	x	x	.10	.03	x	x	x	x	.01	x	x	x	x	x	x	2.74	
MAUNALO 511	3.18	x	x	x	.05	.05	x	x	x	x	.18	x	.04	x	.06	x	x	x	.02	x	x	x	x	x	.02	x	x	x	x	x	x	2.76	
MOLOKAI AP 524		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
POUPOU RANCH 542.1	2.71	x	x	.05	.10	x	x	x	x	x	.10	x	x	x	x	x	.10	.20	x	x	x	x	x	x	x	x	x	1.39	x	.06	x	2.00	
WAIKOLU 540	10.42	x	x	x	1.85	x	x	x	x	x	.91	x	x	x	x	x	1.39	x	x	x	x	x	x	x	x	x	x	1.39	x	x	x	4.88	
ISLAND OF LANAI																																	
KANEPLU 690	1.87	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.87	
KAPALAPUU HARBOR 658	.89	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.89	
LANAI AIRPORT 656	1.87	x	x	x	x	x	x	x	x	.01	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.01	x	x	x	x	x	x	1.85	
LANAI CITY 672	1.78	x	x	x	x	x	.10	x	x	x	x	x	x	.13	x	x	x	x	x	x	10	x	x	x	x	x	x	x	x	x	x	1.45	
LANAIHALE 684	2.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.00		
MAHANA 694	1.09	x	x	x	x	x	x	x	x	x	x	x	x	.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.00		
MAHUA 676	1.57	x	x	x	x	x	x	x	x	x	x	x	x	x	.22	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.35		
WAIKAKAUA 685		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
ISLAND OF MAUI																																	
AIHUAH 252	2.58	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.58	x	x	x	2.00	
HALEKALUA B E S 434	6.23	1.42	.01	.18	.27	.06	.10	x	x	x	.08	.11	.21	.40	.07	.10	.04	.05	.33	.07	x	x	x	x	x	x	x	x	x	1.95	.23	.55	
HALEKALUA RANCH 432	3.09	x	x	x	x	x	x	x	x	x	x	.51	.13	.15	.11	.01	T	T	.02	x	x	x	x	x	x	x	x	x	x	x	x	2.58	
HALEKALUA RS 338	2.54	.22	T	T	x	x	x	x	x	.03	.07	.01	.02	.05	.08	.01	T	T	.02	x	x	x	x	x	x	x	x	x	x	T	.54	.82	
HALEKALUA SUMMIT 338.4	3.98	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.85	
HALEKALUA 423	1.33	x	x	.60	.10	.06	.01	x	x	x	.01	.10	.08	.04	x	x	.05	.02	.20	.06	x	x	x	x	x	x	x	x	x	x	x	1.94	
HAKARUAPOKO 485	5.14	.01	x	.21	.29	.14	.01	.07	.04	.17	.14	.43	.10	.07	.03	.25	.15	.18	.28	.15	.02	.02	.02	T	x	x	x	x	x	x	.08	.60	
HANA 354	2.69	x	.02	.01	.28	.04	.01	.07	x	.01	.29	.27	.07	.11	.13	.33	.02	.07	.01	.01	.17	x	.09	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
HANA AIRPORT 355	3.68	T	.27	.01	.16	.28	.13	T	.06	.16	.28	.04	.14	.07	.20	.22	.15	.04	.04	.10	.51	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
HANAHULI 281	4.62	.09	.04	.42	.43	.10	.04	.37	.04	.09	.36	.32	.22	.23	.13	.10	.15	.02	.05	.16	.27	.06	.06	.10	.02	.02	.02	.02	.02	.02	.02	.02	.02
HOLA CABIN 259.5	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	7.20	
HONOKOHU 480	2.71	x	x	x	.18	.18	.03	x	.02	x	.18	x	x	x	x	x	.14	.04	.11	x	x	.02	x	x	x	x	x	x	x	x	x	1.62	
HONOKOHU 493	5.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.80	
HONOPAHU GULCH 341	1.69	.04	x	T	.02	.02	x	x	x	.02	T	x	x	x	x	x	x	x	.01	x	x	x	x	x	x	x	x	x	x	x	x	1.53	
KAHAMA INTAKE 374	4.10	x	x	x	.01	.04	T	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.10	
KAHULUI HSO 308 AP	1.89	x	T	.01	.04	T	x	x	x	T	T	T	T	T	T	T	.03	.02	T	x	x	x	x	x	x	x	x	x	x	x	1.25	.30	
KAILILI 436	11.59	x	x	x	.02	.50	.48	.32	.02	x	T	.18	.60	1.48	.27	1.13	x	.87	.36	.26	.25	.06	x	.21	x	x	x	x	x	x	x	11.58	
KAILUA 446	9.17	x	x	.02	.50	.48	.32	.02	x	T	.18	.60	1.48	.27	1.13	x	.87	.36	.26	.25	.06	x	.21	x	x	x	x	x	x	x	2.06		
KAUOLA INTAKE 375	4.55	x	x	1.00	x	x	x	x	x	x	.20	x	x	x	x	x	.50	x	x	x	x	.25	x	x	.25	x	x	x	x	x	x	2.60	
KEAHUA 410	2.08	.30	x	.02	T	x	x	x	x	x	.02	x	x	x	x	x	.07	T	x	x	x	x	x	x	x	x	x	x	x	.03	1.00		
KEARAE 346	17.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	17.20		
KEARAPU BEACH 260.2	.83	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.02	.17	
KIHEI 311	1.46	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.46		
KIPAHULU 258	4.60	.24	.30	.16	.09	.10	.15	.10	.35	.37	.25	.21	.48	.12	.13	.34	.02	.19	.06	.11	.03	.06	.11	.03	.06	.11	.03	.06	.11	.03	.06	.11	.03
KULA HEIGHTS 323.2	2.50	.07	T	x	x	x	x	x	x	x	.03	.13	.07	.15	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	1.26
KULA SANATORIUM 267	2.71	x	x	x	.18	.18	.03	x	.02	x	.18	x	x	x	x	x	.14	.04	.11	x	x	.02	x	x	x	x	x	x	x	x	x	1.23	
LAHAINA 361	1.64	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.63	
LAUNIUPOKO INTAKE 376	2.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.80	
LAUNIUPOKO VILLAGE 372	1.39	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.39	
LUPU UPPER 442	12.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	12.30	
MAHINAHINA 466	3.76	.45	x	.20	.17	.07	x	x	x	.03	.13	.07	.15	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	1.97
MAKALELE FIELD 50 497	2.44	x	x	x	x	x	x	x	x	.26	x	x	x	x	x	x	.15	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	.10	.17	1.37
OLINDA 332	6.18	x	x	x	x	3.10	x	x	x	x	x	1.10	x	x	x	x	x	x	1.82	x	x	x	x	x	x	x	x	x	x	x	x	x	6.18
OLUHALU 296	1.44	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.44	
PARKER 350	15.64	.21	.60	.80	.48	.13	.43	.45	.73	2.66	.85	1.28	.29	1.95	.76	.53	.56	.24	.15	.08	.36	.05	.21	.31	.07	.22	.57	.67	.67	.67	.67	.67	.67
PAHA 406	2.43	.10	.07	.10	.11	.01	x	.06	.03	.01	T	x	x	x	x	x	.06	.11	.07	.01	x	x	x	x	x	x	x	x	x	x	x	.01	
PANLEIHLU 259.2	6.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	6.00	
POHAKA BRIDGE 307.2	1.84	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.84	
POLIPOLI SPRINGS 267.2	.44	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x											

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KIDAKAKA A & F 5	A	9.00	x	x	x																												9.00
KIPA 89.2	A	26.45	x	x	.62	.31	.66	.80	.02	x	x	1.04	.72	3.60	3.49	6.15	x	x	4.20	.49	1.06	.36	1.2	x	x	.97	1.0	.56	.27	x	x	x	1.21
KOHALA MAULILI 176	A	7.73	x	x	.15	.11	.37	.30	.11	x	x	.74	.53	1.07	.41	.70	x	x	.80	.02	.14	.01	x	x	1.2	.07	.71	x	x	x	2.11	.07	
KOHALA MISSION 175.1	A	7.22	.09	T		.13	.44	.33	.05	.07	.17	.65	.35	1.11	.54	.76	.45	.24	.11	.06	.03	T	x	x	.27	.01	x	x	x	.74	.69	.07	
KOIHAE LOWER 196	A	4.40	x	x	x				1.00	x	x	x	x	x	x	x	x	x	x	x	x	1.20	x	x	x	x	x	x	x	x	x	x	
KONA (KAILUA) 68.3	A	1.82	x	x	.69				.06						T	.06	x	x	.16		.07	.01	.01	x	x	.13		.25	x	x	.16		
KONA VILLAGE 93.8	A	2.03													.20																		
KUKAIHOU 222	A	11.43	1.17	.01	.01	.10	.12	.32	T	.05		.07	.11	.51	.82	2.90	1.04	.06			.61	.12											
KUKUIHALE HIC 199	A	5.56	.41			.10	.27	.64		.03		.04	.15	.17	.22	.76	.44				.16	.62											
KUKUIHALE MILL 206	A	3.96	x	x	.29	.08	.15	.36				.03	.09	.10	.21	.55	x	x	.41	.11													
KULANI CAMP 79	A	11.47	2.71	.05	.01	.09	.03	.06			.12	.03	.21	.28	1.35	1.76	.64	.65	.65	.14	.74	x		.01	.74	.12	.10	.05	.02	.02	.27	.28	
KULANI MAUKA 76	A	1.45	.35												.35	.25	.50																
KULANI SCHOOL SITE 78	A	9.74	3.59	x	x	x	x	x	x	.60	T	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
LANIAHAU 68.2	A	3.65	.51	.13		.06	.08	.03	.12	.03	.09			.02	.41	.22		.03	.05	.11	.39			.16	.42	.30	.10			.22	.15	.15	
MAKAHALA 103	A																																
MAKAHALA 2	A	2.05	x	x	.50				x	x		.40	.20	T	.30	.50	x	x	x	.15				x	x	x	x	x	x	x	x	x	
MAUNA KEA 085 111.2	A	.24	T											.02																			
MAUNA LOA SLOPE 085	A	.80	.02											.28	.01	.45	.02																
MIDDLE HUALAIA 68.1	A	1.81	x	x	.80	x	x	x	x	x	x	.05	x	.28	x	x	x	x	.43	x	x	x	.53	x	x	x	x	x	x	x	x	x	
MIDDLE PEN 147.1	A	1.20	x	x	x	x	x	.29	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MORALA 18	A	2.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOUNTAIN VIEW 81	A	20.55	2.60	.39	.28	.30	.20		.13	.08	.19	.55	.51	2.02	1.61	3.96	1.45	1.07	.11	.68	.73	.33	.18	.18	.47	.55	.19	.42	.19	.02	.03	1.24	
MALEHU 14	A	8.51	.04						.05	x	x	.11	x	x	.14	.68	1.00	.95	.21														
NAPOOPOO 28	A	1.58	x	x	.19	x	x	x	x	x	x	.11	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
NIULII 179	A	7.83	x	x	.08	.13	.52	.34	.03	x	x	1.06	.20	1.31	.75	.89	x	x	.82	.11	.06												
OKALA 223	A	14.45	.41	.02	.01	.19	.15	.41	T	.01	.03	.40	.44	1.42	1.57	1.83	1.14	.33	.10	.23	.76	.02	.01										
OPINIALE 2 24.1	A	4.44	T	T	T	.12			T	.15	T	1.12	.02	.03	.26	.07	T		.08	.03													
OPINIALE LAND EST 91.5	A	9.87	x	x	x	x	x	x	1.99	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAUHAU 217	A	5.46	.67			.09	.14	.23				.02	.36	.21	.58	.27	.09				.14	.62											
PAUHAU 221	A	8.92	1.01	.02	.01	.07	.16	.20	T		.03	.01	.01	.28	.57	2.42	.74	.05	T	.06													
PAHOLA 21	A	2.59	.14									.09			.30	.38	.34	T															
PAHOLA 65	A	12.89	.40	.07	.31	.46	.65	.46	.02	.03	.10	.36	1.25	1.10	2.45	.87	.65	.07	.36	.28	.18	.11	.19	.43	.40	.15	.45	.15	.01	.73	.07		
PAKAO 37	A	4.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAIKOU 144.1	A	11.99	x	x	.15	.28	.32	.06	x	x	x	.75	.52	.40	1.42	1.67	x	x	1.48	.30	.17	.11	.15	x	x	.46	.01	.25	.08	x	x	x	
PAPAIKOU MAUKA 140.1	A	25.01	x	x	.24	.25	.65	.08	.06	x	x	.69	1.15	5.30	2.25	.44	x	x	3.10	.45	.72	.14	.12	x	x	.79	.10	.61	.16	x	x	x	
PIIHOHA 89	A	26.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
POHAKULUA 107	A	9.94	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUKA 95.1	A	1.39	.18						T						.03	.02																	
PUU KIME 120	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LAHU 102.1	A	.59	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LEHUA 73	A	1.45	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MALE 113	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU 00 82	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU MAHUA 94.1	A	2.04	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
SADDLE ROAD 1 84	A	18.61	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
SOUTH POINT CORRAL 3	A	3.00	x	.01	x	x	x	x	x	x	.12	x	x	x	x	x	x	1.73	x	x	x	x	x	x	.09	x	x	x	x	x	x	x	x
UMIKOA 118	A	9.45	x	6.16	.03	.31	.14	x	.15	x	x	.02	.02	.14	.52	x	x	.11			.48												
UPOLU POINT USCG 159.2	A	3.39	.02			.08	.13	.13	.12	.01		.48	.10	.37	.18	.43	.20	.28		.03	.03												
WAIKAEA SCD 88.2	A	19.78	1.15			.28	.43	.23	.08	.14	.05	.76	.71	2.49	2.65	3.80	.84	1.26	.60	.36	.99	.07	.16	.02	.44	.13	.07	.46	.18	.2	.13	.67	.78

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH
1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	1.57																																
FAGA ALU RESERVOIR	10.02																																
JOHNSTON WSO AP	1.71																																
LEONE	14.39																																
FRENCH FRIGATE SHOALS																																	
LUMA VILLAGE	8.11																																
MIDWAY SAND ISLAND	4.62																																
PAGO PAGO WSO AP	6.57																																
SWAINS ISLAND																																	
* * *																																	
WESTERN PACIFIC ISL.																																	
NORTH OF 12 N																																	
ANDERSEN AFB GUAM	2.47																																
CLARK AFB LUZON	.20																																
GUAM HAS	1.72																																
GUAM WSO	2.25																																
MANGLAG	2.40																																
ROTA																																	
SAIPAN USCG LOWAN	1.44																																
WAKE WSO AP																																	
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ANGUAB	4.26																																
ENHMETOR																																	
FALALOP I. ULITHI																																	
KAPINGAPABANGI ATOLL																																	
KOROR WSO	6.69																																
KWAJALEIN WSO AP	.16																																
LELE I. KUSAIE																																	
MAJURO WSO AP	7.77																																
METALANIM																																	
MOJIL ATOLL																																	
MORASANG-BABELTHUAP	4.66																																
PONAPE WSO	15.99																																
SATRAHAN ATOLL																																	
TRUK - MOEN I. WSO AP	11.17																																
WOLERT ATOLL																																	
YAP WSO AP	3.12																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MARCH 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHULU 1075	MAX MIN	71 49	69 41	59 51	61 49	64 50	67 49	66 46	68 48	67 48	65 50	67 52	67 54	68 49	61 52	63 53	66 51	62 50	68 53	65 51	67 52	68 49	69 45	62 43	68 48	70 50	66 50	60 55	58 50	69 46	69 48	62 41	65.1 49.1	
KILAUEA POINT 1133	MAX MIN	77 69	76 58	77 60	76 54	74 65	75 65	78 64	76 68	77 69	77 69	78 64	76 68	76 69	75 70	74 65	70 67	74 68	77 69	75 65	76 67	78 66	75 66	78 69	80 71	80 67	81 69	80 65	81 59	79 65	76.3 65.8			
LIHUE WSO 1020.1 AP	MAX MIN	77 69	76 68	76 68	76 66	77 68	78 70	78 68	77 71	80 70	79 69	79 69	77 69	78 69	77 70	78 71	75 71	79 71	78 71	79 69	78 71	79 71	79 69	79 69	80 67	79 66	80 63	80 61	78 58	77 56	76 56	77.5 67.7		
MAKAHUEA POINT 940.1	MAX MIN	73 71	71 63	76 69	75 68	72 69	71 69	80 68	75 68	79 71	78 72	76 69	76 69	76 70	76 71	76 70	75 72	76 70	76 71	78 72	76 70	75 71	80 71	75 71	84 69	84 69	83 72	82 72	75 63	76 64	80 65	82 67	77.1 69.1	
MANA 1026	MAX MIN	85 60	85 60	83 60	82 58	80 60	80 60	84 61	82 62	83 62	84 60	82 62	82 63	82 62	85 64	80 61	82 60	83 61	79 65	86 61	85 61	85 62	85 60	84 63	83 62	81 64	84 68	83 62	82 62	75 60	79 57	79 57	82.4 61.5	
NIU RIDGE 1035	MAX MIN	83 51	83 51	83 51	80 51	85 55	87 56	80 56	80 56	82 57	81 56	80 57	78 58	79 58	79 58	77 57	78 56	74 61	77 61	79 56	80 57	79 57	80 55	81 55	80 59	81 62	80 64	80 54	76 53	77 53	79.3 69.2			
WAIHAI LOWER 1054	MAX MIN	78 61	79 59	76 60	76 55	76 60	76 58	76 63	75 63	75 64	75 63	74 63	71 63	76 60	74 63	74 64	73 62	76 64	77 63	76 61	76 61	76 61	78 61	78 60	80 65	78 64	79 63	79 64	74 60	72 50	74 58	75.8 61.4		
ISLAND OF OAHU																																		
CHURCH COLLEGE LAIE	MAX MIN	79 69	78 67	77 65	77 66	77 66	79 68	80 66	81 69	80 68	80 69	79 68	80 69	80 70	78 68	80 69	79 68	79 69	80 70	80 68	80 69	81 69	77 67	78 69	79 71	82 71	80 63	82 63	84 62	78 60	78 58	75 64	79.3 67.1	
EWA PLANTATION 741	MAX MIN			80 59	76 59	77 64	78 60	80 60			81 52	81 64	80 64	81 63	81 64		80 64	80 65	81 65	80 66	80 66				82 62	81 62	84 61	82 63				80 57		
HONOLULU WSO 703 AP	MAX MIN	80 68	80 65	80 65	77 65	78 68	82 65	84 63	82 63	81 67	82 67	81 66	82 67	82 65	81 66	81 63	81 66	81 67	81 68	82 69	81 68	83 69	82 68	80 65	83 65	81 65	81 62	80 70	74 63	75 58	78 59	75 66	80.4 65.5	
HONOLULU SUBSTA 704	MAX MIN	74 68	73 68	72 66	72 66	73 66	76 68	76 67	76 67	76 67	76 67	77 66	78 67	76 67	75 66	76 66	77 66	77 65	78 66	77 66	77 65	77 66	78 66	78 69	80 69	80 69	78 68	78 69	69 64	74 61	77 64	75 67	76.0 66.7	
KANEHE MAUKA 781	MAX MIN	77 68	77 68	77 64	73 62	76 68	74 67	76 65	76 64	77 70	77 67	76 69	76 69	77 67	76 70	76 68	77 69	78 70	77 70	78 68	77 69	75 69	77 68	76 67	78 68	79 67	84 66	81 66	80 61	80 58	75 62	79 63	76.9 66.7	
LUALUALEI 804	MAX MIN	78 65	78 62	75 65	76 67	77 67	80 67	81 63	79 60	78 65	80 67	78 67	81 67	80 68	78 68	78 67	81 66	81 69	80 69	78 68	78 68	78 68	80 66	80 60	80 57	83 60	83 59	82 67	70 61	74 58	80 56	75 60	78.7 64.6	
MANDA LYON ARBORETUM	MAX MIN	71 65	74 63	76 63	68 60	70 62	69 62	78 63	74 63	76 64	72 63	73 64	73 64	75 65	74 64	70 64	71 65	73 65	72 65	75 65	74 64	74 64	75 65	72 65	80 63	78 62	81 62	82 62	78 68	68 57	75 59	78 60	74.3 63.0	
OPAEULA 870	MAX MIN	85 59	82 60	82 59	82 60	82 59	82 60	82 61	82 61	82 61	82 60	82 61	82 61	82 63	82 61	82 61	82 63	82 63	82 63	82 63	82 63	82 63	82 63	82 63	82 63	82 63	82 63	81 64	82 65	81 65	76 63	82 61	82 63	82.0 61.9
PRI WAIHAWA 820.2	MAX MIN	75 64	75 58	76 57	74 60	75 61	73 58	78 59	76 59	76 64	79 59	77 61	78 63	78 61	80 62	76 64	76 62	78 63	78 63	76 62	76 65	78 65	76 64	76 63	76 60	80 61	82 60	81 61	78 57	64 50	70 58	82 55	76.7 60.8	
WAIALEE 896.3	MAX MIN	76 67	78 65	77 64	76 64	76 64	75 66	78 66	78 66	79 69	76 66	78 68	78 68	79 68	78 69	78 69	78 68	74 69	77 69	80 67	79 66	78 66	79 66	78 66	80 69	82 69	82 69	83 63	70 60	70 62	78 62	77.8 66.3		
WAIALUA 847	MAX MIN	78 65	78 58	77 56	75 58	76 61	76 57	80 60	82 62	80 61	78 64	81 61	77 63	80 58	80 59	78 61	78 66	78 65	79 65	79 61	79 61	79 61	80 63	79 63	81 66	82 65	80 64	84 64	67 62	74 60	77 58	78.5 61.8		
WAIKIKI 717.2	MAX MIN	81 67	80 63	80 62	78 64	77 67	80 68	81 64	83 65	80 66	81 64	83 65	80 66	84 66	84 66	82 65	84 66	80 65	81 66	82 66	82 66	81 66	81 66	81 66	82 66	82 66	83 66	82 66	82 66	79 64	79 58	81 64	80.9 63.7	
WAIMANALO EXP FARM	MAX MIN	77 68	78 67	78 65	75 65	76 66	75 66	78 66	78 69	78 68	79 68	78 69	78 68	78 66	77 66	78 68	77 69	78 70	78 70	79 69	78 66	78 66	78 66	78 66	82 65	83 65	82 65	81 62	71 57	75 59	77 66	77.9 66.3		
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN																																	
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN			71 60	71 60	70 61	71 61	72 60			74 62	73 62	74 62	74 61	74 62		74 60	74 63		74 64	74 59	74 58				75 62	76 59	75 61				74 64		
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	56 38	59 39	60 39	58 40	63 40	64 42	65 38	60 36	60 41	63 40	61 42	61 42	55 42	57 43	51 41	58 41	64 43	62 47	65 44	62 42	67 46	70 40	59 40	60 43	65 41	62 36	55 34	57 38	52 42	51 43	51 39	59.8 40.7	
HALEAKALA SUMMIT 338.4	MAX MIN			53 31		55 35	55 38	55 40			56 37	55 40	58 35	56 35	47 33	49 33			53 32	54 40	59 36	51 44	55 44		55 33	55 37	58 36	58 37	56 34		46 34			
HANA AIRPORT 355	MAX MIN	78 60	77 61	77 61	73 63	74 65	74 65	78 63	77 66	80 69	78 68	77 69	75 68	78 68	76 66	78 68	77 67	79 69	79 67	78 67	79 68	79 65	79 66	79 66		80 68	80 64	80 64	81 62	77 62	69 63	78 67	77.4 65.6	
KAAHAPALI AP 453.1	MAX MIN	76 66	78 62	76 63	76 64	75 63	73 65	77 62	78 63	80 66	77 66	79 64	77 67	79 67	78 69	77 66	79 65	78 65	77 67	79 65	79 67	80 67	80 63	80 64	83 63	83 64	80 63	80 64	80 63	70 61	73 62	79 65	77.9 64.9	
KAHULUI WSO 398 AP	MAX MIN	79 68	78 64	77 67	77 64	75 66	80 67	81 58	79 58	80 61	81 67	80 69	77 69	80 66	81 66	82 62	82 68	81 68	82 68	81 68	81 68	83 68	83 58	85 62	86 60	85 58	85 58	84 58	76 65	73 64	81 62	85 64	80.5 63.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MARCH 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX MIN			72 61	65 60	70 61	66 60	71 62				73 63	71 63	70 63	70 64	70 63			71 62	73 64	74 63	72 63	72 62			75 62	75 64	75 64	78 60			79 59	
KEAWAKAPU BEACH 260.2	MAX MIN	85 61	82 56	81 55	82 60	80 62	80 59	82 58	82 59	82 59	86 57	82 59	82 63	80 64	81 62	84 62	83 61	84 63	82 68	89 61	85 59	85 60	83 60	84 61	85 60	84 62	82 60	85 63	83 67	81 62	74 63	80 63	
KULA SANATORIUM 267	MAX MIN	70 52	70 48	68 49	68 51	67 54	65 52	68 51	67 52	68 54	69 54	70 52	72 53	67 56	68 56	66 54	70 54	70 53	70 54	70 54	68 52	70 51	69 52	69 53	71 54	69 54	68 53	60 54	65 55	62 56	60 55	67.8 53.0	
LAHAINA 361	MAX MIN	80 64	80 64	80 60	79 60	79 62	82 61	81 62	81 62	84 63	81 63	83 63	82 65	80 66	81 65	83 64	83 64	81 65	83 67	84 64	83 63	83 64	82 63	87 65	86 63	84 65	82 65	83 64	80 67	75 62	81 64	83 66	
HAILELU 386	MAX MIN			77 65	74 63	74 64	72 64	76 66				77 64	77 65	76 68	75 69	75 67			79 66	79 67	78 66	76 66	77 66			80 63	82 63	82 63	81 63			81 61	
ISLAND OF HAWAII																																	
HAIRNA 214	MAX MIN																																
HAWAII VOLCNS NP HQ 54	MAX MIN	59 51	62 45	67 46	61 47	58 48	59 49	64 49	62 47	65 49	65 50	65 50	67 54	61 52	58 53	61 49	62 52	60 52	63 52	62 51	61 48	61 48	64 48	65 52	65 52	64 46	66 50	63 48	60 46	67 49	64 55	61 50	
HILO WSO 87 AP	MAX MIN	78 64	78 60	74 64	77 65	75 65	78 64	78 61	78 62	77 64	78 64	78 63	77 67	72 66	76 66	77 65	75 66	76 65	78 66	79 66	79 64	80 61	76 65	80 65	61 65	79 63	78 65	80 63	84 61	84 62	79 66	82 66	
KAINALIU 73-2	MAX MIN	77 57	77 56	76 57	72 60	72 59	72 58	73 59	76 57	77 60	76 57	76 58	77 62	75 62	72 60	74 60	72 60	75 60	74 62	72 63	73 58	76 60	72 58	70 59	76 58	73 59	76 58	77 58	77 58	74 58	70 62	76.4 59.1	
KAMUELA 192-2	MAX MIN	72 43	73 44	74 54	64 54	65 56	68 43	69 43	68 41	69 41	69 43	70 43	70 42	70 42	70 46	70 53	70 44	70 41	70 40	70 42	69 41	69 40	71 42	71 43	74 51	74 40	76 44	74 43	75 51	74 51	73 44	75 45	
KEARU 92	MAX MIN	77 65	75 58	76 58	73 59	73 61	72 61	76 60	76 60	75 61	77 63	76 62	78 62	75 63	73 63	73 62	75 62	75 64	75 64	76 62	76 61	76 62	75 61	74 62	75 61	78 60	78 60	77 61	79 59	82 59	80 60	78 63	
KOHALA MISSION 175-1	MAX MIN	74 64	77 62	74 62	71 63	71 61	68 62	74 62	74 62	75 63	75 63	74 62	73 64	71 63	71 62	74 63	71 64	73 65	75 65	75 65	74 65	73 65	76 62	72 61	78 63	76 62	79 62	77 62	79 63	77 62	79 62	75 60	
KONA (KAILUA) 68-3	MAX MIN			80 65	78 66	78 65	79 65	80 65				83 65	80 65	81 66	80 69	76 66			79 65	81 68	79 66	79 66	81 66			82 66	81 66	82 67	81 65			79 65	
KULANI CAMP 79	MAX MIN	54 46	58 34	61 41	54 45	54 44	55 44	60 39	59 35	60 44	58 47	60 44	59 48	57 49	56 49	56 46	53 47	53 46	60 49	57 48	58 44			58 43	62 46	60 47	58 41	59 47	60 41	59 43	64 47	60 51	60 44
MAUNA LOA SLOPE OBS	MAX MIN	42 28	47 28	52 28	50 36	52 33	51 32	54 36	50 33	51 31	49 31	49 32	46 31	44 30	45 34	45 33	49 32	48 36	51 35	50 34	56 37	55 35	53 35	56 32	53 33	52 35	51 35	51 35	48 32	45 32	48 33	49.7 32.9	
MOUNTAIN VIEW 91	MAX MIN	73 53	73 53	73 53	67 55	68 57	66 57	72 55	74 55	74 55	74 55	71 58	73 59	67 59	67 59	68 58	68 58	68 60	69 60	70 57	72 56	72 56	72 56	72 56	75 55	71 57	72 57	78 55	78 55	78 55	78 55	71.6 56.4	
NAALEHU 14	MAX MIN			77 58	76 62	75 64	75 64	77 63				78 63	78 64	77 65	75 62			76 62	76 67	75 66	78 65	76 64			75 64	77 64	78 63					79 63	
OOKALA 223	MAX MIN	74 63	74 63	75 62		73 62	69 62	75 63	76 64	75 64	75 64	76 63	76 63	73 64	72 64	74 62	76 65	78 65	75 65	75 65	76 64	76 65	75 64	75 65	76 64	79 65	77 68	77 65	78 63	80 63	78 62	72 64	75.2 63.7
OPIMAHALE 2 24-1	MAX MIN	78 57	78 58	73 58	73 55	71 56	74 57	79 55	79 57	73 56	79 57	78 57	77 59	73 60	73 59	77 59	76 60	72 61	75 62	73 57	77 60	75 56	75 56	74 57	76 58	75 57	80 57	75 57	79 57	77 57	67 58	75 56	80 57
PAHALA 21	MAX MIN			77 53	76 56	74 58	74 50	77 57				77 56	78 58	78 59	71 64	72 62			76 61	76 62	78 59	78 59	77 58	77 58	75 62	75 63	78 60	74 60	77 60			77 58	
PURAKO 95-1	MAX MIN	83 68	83 65	82 62	78 67	79 67	78 68	82 64	80 66	80 65	81 66	81 66	80 69	79 71	78 70	82 69	83 67	80 66	78 70	83 67	81 66	81 66	79 62	81 64	80 67	82 65	78 63	81 66	79 65	80 65	75 63	79 62	80.2 66.1
UPOLU POINT USCG 159-2	MAX MIN	78 65	75 65	77 64	78 64	78 63	74 66	77 66	76 65	78 65	70 66	76 64	77 66	77 66	77 65	78 65	77 62	77 67	77 65	76 62	77 67	77 67	76 66		77 66	78 66	78 65	80 66	81 68	81 67	82 67	82 66	77.5 65.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MARCH 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	91 76	92 76	91 76	91 76	91 77	90 76	88 76		91 76	89 75	92 75	93 75	92 76		92 75	92 73	90 73	90 75	91 75	92 75		91 78	92 76	90 76	89 76	90 75	89 74	90 71	90 72	90.8 75.4		
JOHNSTON WSO AP	MAX MIN	79 75	79 70	78 74	79 72	80 74	80 72	81 74	81 75	80 74	81 71	80 75	80 73	81 75	81 72	82 70	80 74	78 69	79 69	78 73	79 71	80 73	79 72	81 75	79 77	77 70	78 70	79 71	78 71	80 70	79.6 72.4		
LEONE	MAX MIN																																
FRENCH FRIGATE SHOALS	MAX MIN																																
MIDWAY SAND ISLAND	MAX MIN	73 65	75 67	69 64	72 67	73 64	70 60	69 58	74 67	72 61	74 60	71 63	74 66	77 64	75 66	75 67	81 68	77 66	78 68	77 68	75 64	74 66	72 64	75 60	73 60	64 56	61 51	65 55	69 58	70 63	70 60	72 61	72.5 62.9
PAGO PAGO WSO AP	MAX MIN	84 75	85 72	82 73	86 73	86 76	85 74	87 79	87 78	83 75	87 74	84 73	86 72	86 81	88 80	88 79	86 79	87 79	87 80	87 75	86 73	83 73	87 73	88 81	88 82	89 81	87 79	86 76	87 75	84 74	83 74	85.8 76.1	
SWAINS ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	82 76	84 74	83 75	83 74	83 75	82 74	85 74	84 76	83 76	84 76	84 77	86 76	84 76	83 76		83 75	84 76	84 76	85 75	78 73	82 72	81 75	82 76	81 75	83 75	82 78	84 77	87 75	81 77	83 76	83 76	83.1 75.4
CLARK AFB LUZON	MAX MIN	90 72	90 72	90 72	91 70	90 72	91 73	91 72	88 75	88 73	93 73	93 73	94 75	95 73	97 73	95 75	93 73	93 73	84 73	93 72	93 75	91 75	91 73	93 75	90 75	90 70	90 75	91 73	93 75	93 72	97 75	91.7 73.2	
GUAM NAS	MAX MIN	82 75	84 76	83 75	82 76	82 76	81 75	81 75	84 76	83 76	82 77	82 76	85 77	86 79	84 78	85 79	84 78	86 79	88 78	89 79	84 76	85 74	85 76	86 77	85 75	83 78	84 78	83 78	83 78	84 78	84 77	83.9 76.8	
GUAM WSO	MAX MIN	86 66	85 69	85 71	83 72	85 70	83 73	83 71	84 68	84 72	85 71	85 70	84 69	86 72	85 71	86 67	85 67	87 67	87 67	86 73	82 71	84 72	86 67	85 67	85 67	86 66	86 72	87 67	87 66	87 72	88 66	87 66	85.3 69.0
SAIPAN USCG LORAN	MAX MIN																																
WAKE WSO AP	MAX MIN	82 71	83 70	83 74	83 73	84 70	82 71	81 70	83 70	81 71	81 72	83 72	84 71	86 73	83 73	84 74	85 71	84 72	84 71	85 71	84 70	85 71	85 71	85 72	80 70	80 70	80 69	81 70	83 69	81 69	83 70	84 68	83.0 70.9
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX MIN																																
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	88 74	89 75	89 77	87 75	89 75	86 74	87 75	89 76	89 76	89 77	90 77	90 76	88 74	87 77	83 74	78 75	88 75	88 75	88 75	88 75	90 75	86 75	89 75	89 75	89 73	89 74	90 75	90 75	87 75	87 74	88 75	88.2 75.1
KWAJALEIN WSO AP	MAX MIN	88 78	87 78	87 79	88 79	86 77	88 78	88 77	88 78	87 79	84 78	87 78	88 78	88 78	89 79	88 79	89 79	89 79	89 79	88 78	88 79	89 79	89 80	88 79	89 79	89 79	88 79	89 79	88 79	89 79	88 79	88 79	88.0 78.5
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	86 79	85 78	86 78	86 79	85 78	86 79	86 78	85 78	86 76	83 76	84 76	84 74	84 74	82 74	85 74	82 74	84 74	84 76	85 78	85 78	86 75	85 75	85 75	85 75	83 74	84 76	85 78	85 78	85 77	84 78	84 76	84.7 76.6
METALANIM	MAX MIN	85 81	85 76	82 76	85 81	85 81	84 81	84 80	84 80	83 81	84 77	83 79	84 76	81 78	84 78	81 79	84 81	83 81	84 80	84 78	86 80	85 81	86 81	84 82	85 80	85 80	84 80	85 80	83 80	85 83	85 83	85 77	84.1 79.6
PONAPE WSO	MAX MIN	87 75	81 72	87 75	87 76	87 79	87 76	86 74	86 78	85 76	88 76	86 75	85 75	81 73	86 76	81 74	85 75	87 77	86 77	87 76	88 72	87 76	88 75	86 77	87 79	86 78	87 77	86 76	87 76	88 75	88 73	87 73	85.1 75.8
TRUK. MOEN I. WSO AP	MAX MIN	86 79	86 79	86 77	87 76	87 77	86 75	86 75	86 77	86 80	86 80	87 79	87 75	85 76	88 77	85 75	84 75	86 76	86 79	87 78	86 79	86 79	87 75	81 73	82 73	86 78	87 79	87 79	87 77	87 73	88 78	87 78	86.1 77.2
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	87 71	87 75	87 74	87 74	87 74	89 75	87 74	86 75	88 75	87 76	88 73	88 73	89 75	88 75	89 73	86 73	87 74	87 74	88 75	87 75	87 74	86 72	86 74	88 73	88 71	88 74	87 75	87 73	87 77	88 77	88 76	87.4 74.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MARCH 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.10	-	.27	.51	.25	.34	.28	.36	.31	.41	.35	.23	.23	.22	.23	.13	.19	.19	.39	.31	.24	.30	.26	.32	.12	.34	.19	.16	-	.30	.42	8.508
	WIND	238	219	209	247	271	256	200	209	247	269	256	219	196	243	284	282	218	232	236	259	285	227	189	173	95	80	112	113	93	85	96	6338
	MAX	77	78	82	77	74	77	79	78	80	79	82	76	75	81	77	73	76	72	80	78	73	74	71	73	71	88	85	78	65	78	76	76.9
	MIN	63	62	57	57	57	59	57	59	61	61	62	63	60	61	61	61	62	63	60	60	62	62	63	62	64	61	62	58	52	53	64	60.3
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.25	.30	.22	.24	.22	.25	.25	.28	.23	.15	.15	.22	.30	.14	.25	.22	.27	.18	.25	.32	.30	.25	.24	.28	.25	.30	.29	.50	.03	.25	.33	7.71
	WIND	86	86	82	80	77	80	80	86	82	82	84	85	85	81	80	82	85	81	82	85	85	85	85	90	85	89	89	90	70	88	87	83.7
	MAX	61	57	58	57	59	58	58	60	61	61	60	63	62	67	60	61	62	62	63	61	61	60	61	63	63	63	63	63	56	60	57	60.6
	MIN	61	57	58	57	59	58	58	60	61	61	60	63	62	67	60	61	62	62	63	61	61	60	61	63	63	63	63	63	56	60	57	60.6

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EVAPORATION AND WIND

HAWAII AND PACIFIC
MARCH 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
■ ■ ■ EAST OF 180TH MERIDIAN																																		
JOHNSTON WSO RP		EVAP	.27	.32	.42	.35	.36	.32	.34	.35	.28	.30	.36	.32	.37	.39	.39	.33	.13	.26	.25	.24	.28	.35	.38	.36	.34	.22	.23	.49	.64	.40	.36	10.40
	WIND	312	265	296	252	223	189	159	221	216	180	202	189	226	244	243	232	233	249	239	269	290	266	241	221	180	79	155	199	343	189	117	7119	
	MAX	83	85	83	87	86	85	88	86	87	89	87	86	85	84	86	84	78	82	81	80	82	86	85	87	91	89	82	78	80	85	89	84.8	
	MIN	69	69	68	66	67	68	68	69	69	69	69	68	68	69	68	69	70	69	70	70	69	69	68	68	69	70	69	63	62	62	66	88.0	
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12° N																																		
GUAM WSO		EVAP	.28	.29	.27	.18	.23	.14	.19	.21	.27	.24	.20	.22	.31	.28	.29	.45	.27	.30	.19	.14	.27	.30	.30	.32	.17	.38	.28	.24	.29	.28	.33	8.08
	WIND	-	100	111	121	155	130	106	70	158	158	92	122	125	133	140	85	102	71	94	121	200	78	68	57	83	119	75	80	115	86	53	33158	
	MAX	90	89	88	84	85	86	85	90	83	87	85	83	87	86	89	87	88	90	88	82	86	91	88	89	87	91	91	88	89	91	90	87.5	
	MIN	68	68	68	68	69	69	69	67	70	70	70	66	69	67	68	65	66	67	69	70	71	67	68	67	67	69	68	69	69	66	68	68.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAOH 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KULOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKULUA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIKAWA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLOS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAUA DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEAD
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 16	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAPAPPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAPAPPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	676		7A			DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS PUUOHOKU RANCH MOLOKAI RANCH
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI			
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A			
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCGRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525					
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOI, MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			HAWAIIAN COM & SUG CO HANA RANCH MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI			
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A			ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR			EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	A 1303	02	KAU	2	19 26	155 16	3971	8A	8A			HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A			C KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A			C REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C J NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040					C SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A			C MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IK' 12	A 2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 45	3700					RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700					C KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450					C GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280					C STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			C STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI			C MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615					C STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650					C STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH HAWAIIAN RANCH CO PUNA SUGAR CO KAU SUGAR COMPANY, LTD KONA EXPERIMENT STA KOHALA CORPORATION
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600		MO			
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			
NIULII 179	A 6806	01	N KOHALA	1	20 14	155 45	75		6A			
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY HAWAIIAN RANCH CO INC MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A			
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			
PAPAIIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			
PAPAIIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY STATE DIVISION OF PARKS ERWIN H. RAPP KUKAIIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIIAU RANCH CO MISS JACKIE BENLEHR PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PUAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			
PUU OO 82	A 8550	02	S HILO	2	19 44	155 23	6340		WI		C	
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY KUKAIIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO KAHUA RANCH
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	
NEW STATIONS ISLAND OF OAHU												
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A		NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID		NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID			NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID			NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		6 44N	167 44E	8	MID	MID			NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID			NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHAM BEN
NGASANG-BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID			NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		7 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID			NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID			NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

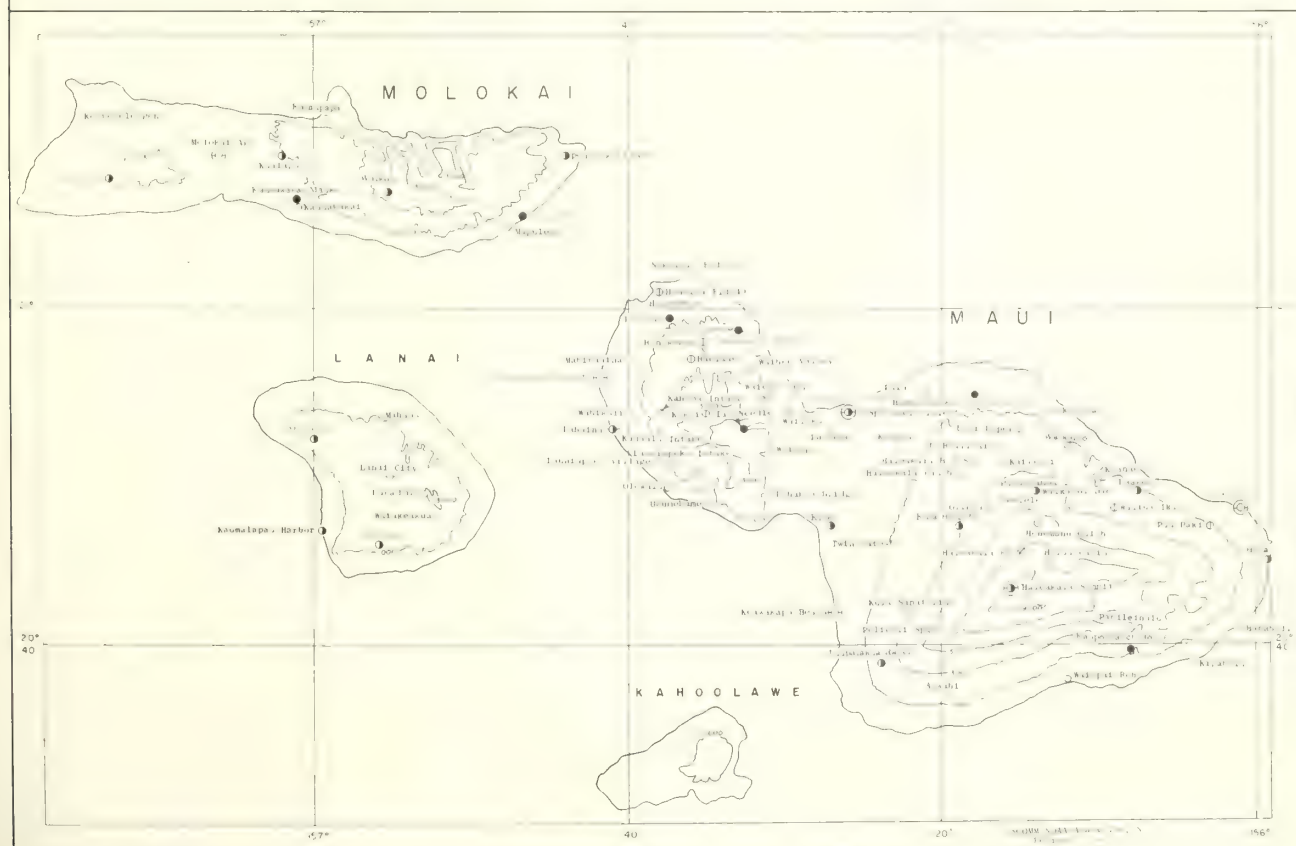
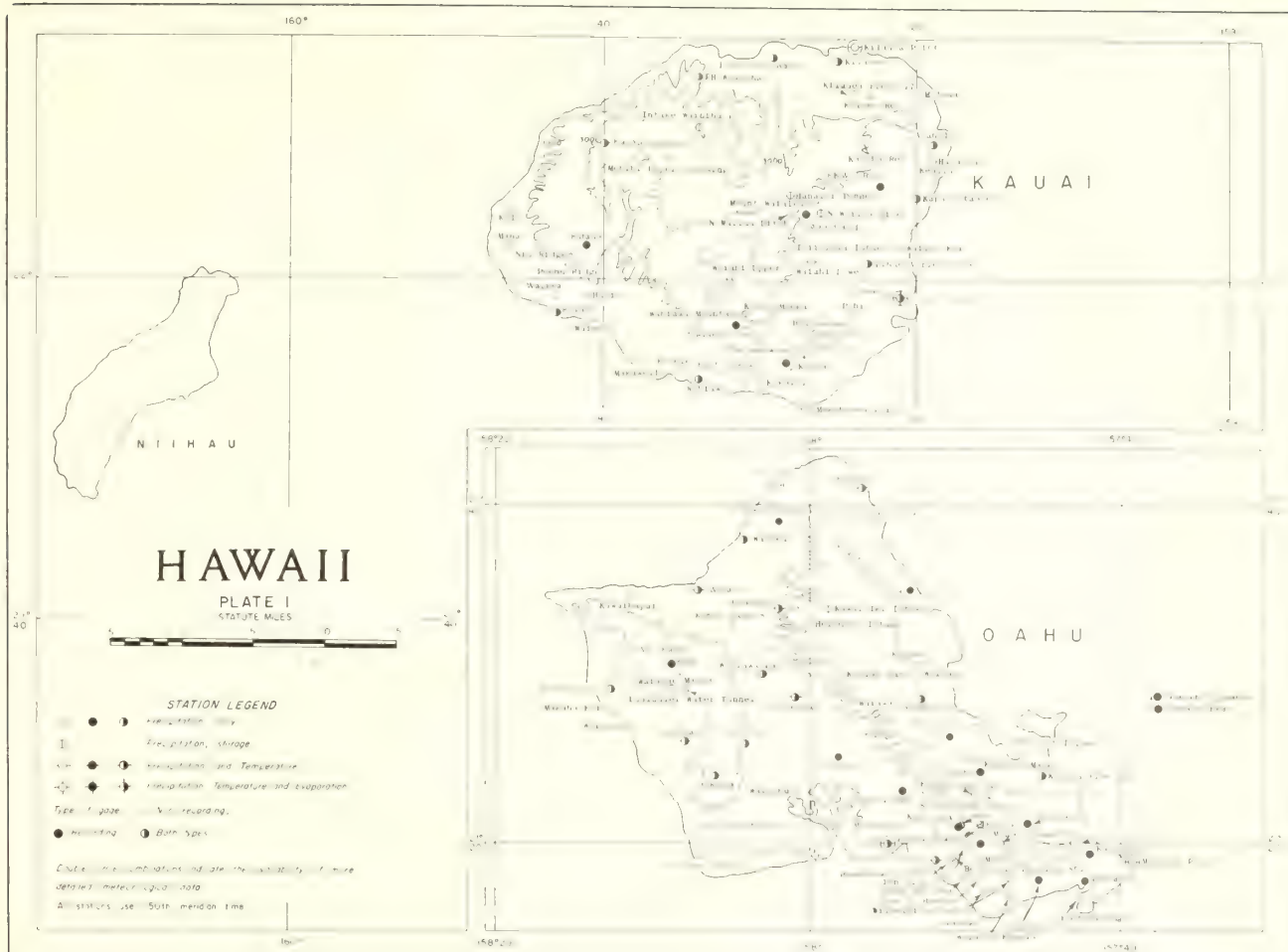
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

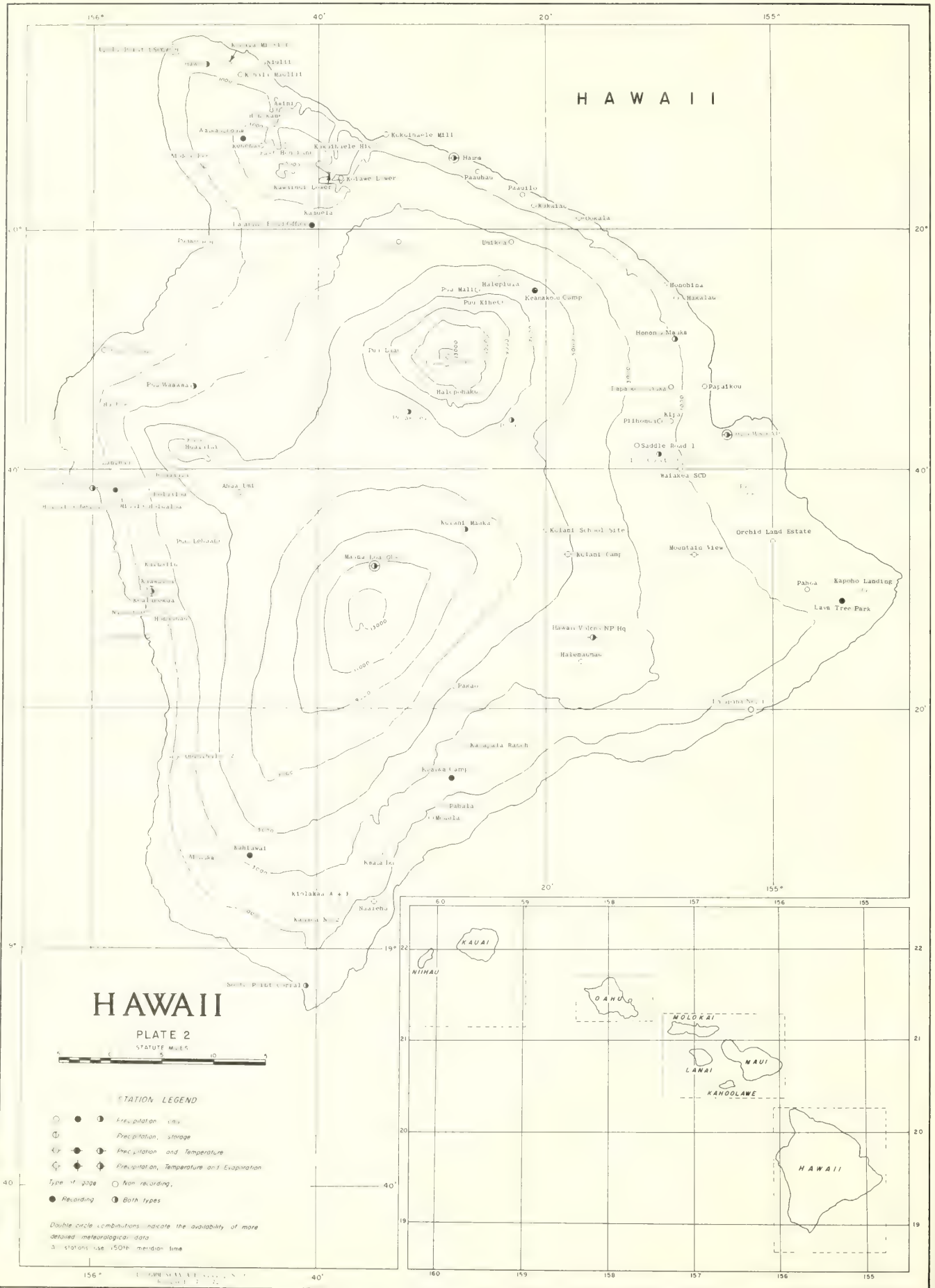
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

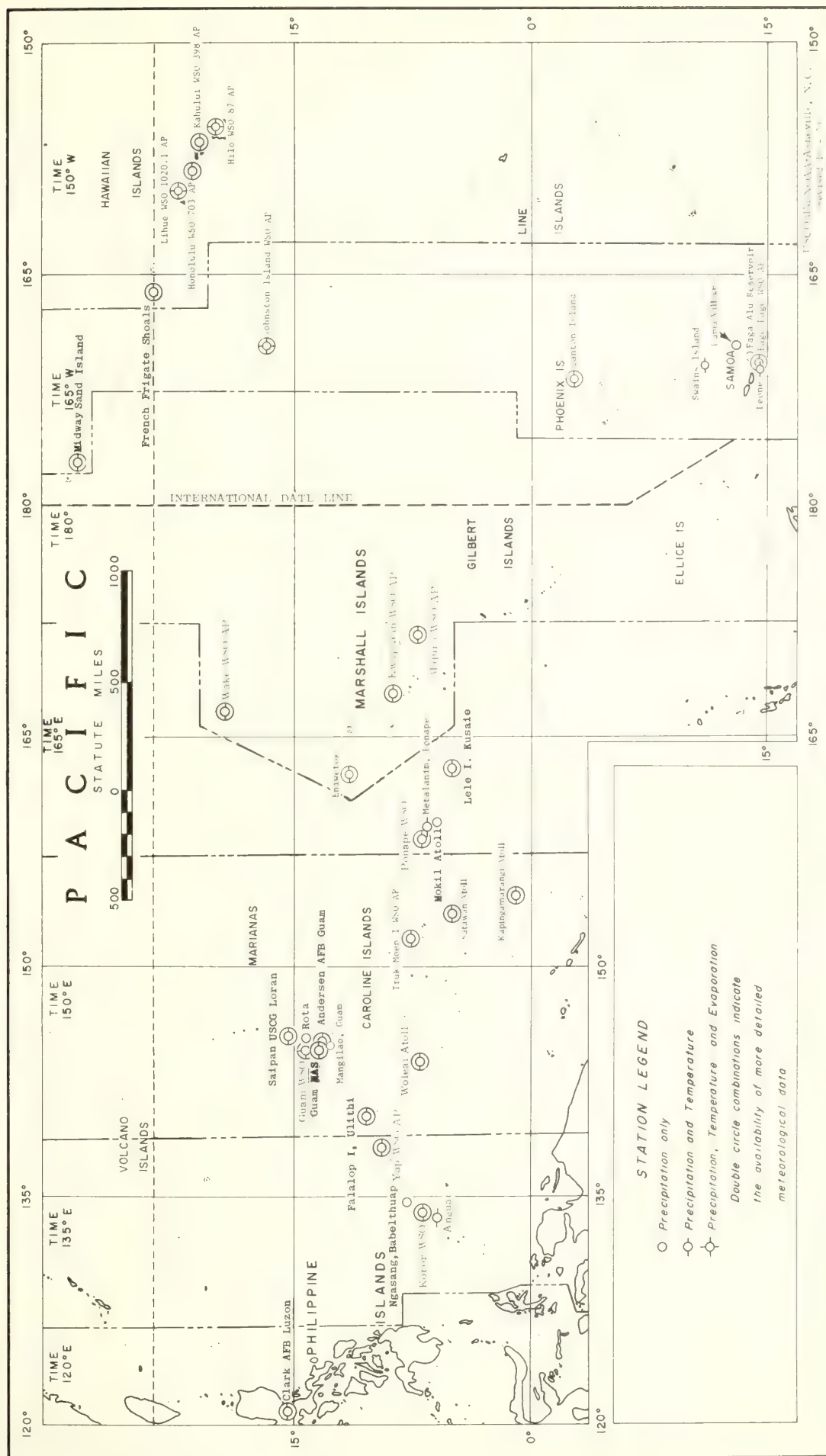
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

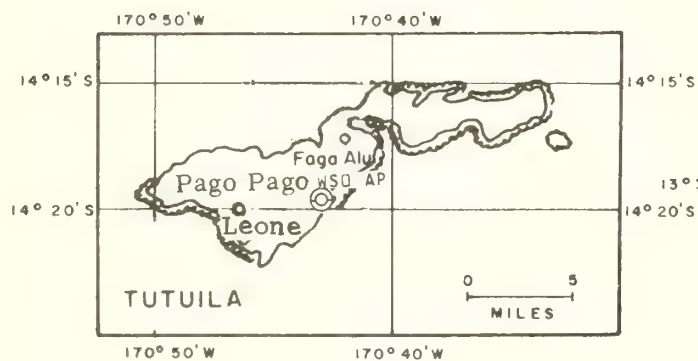
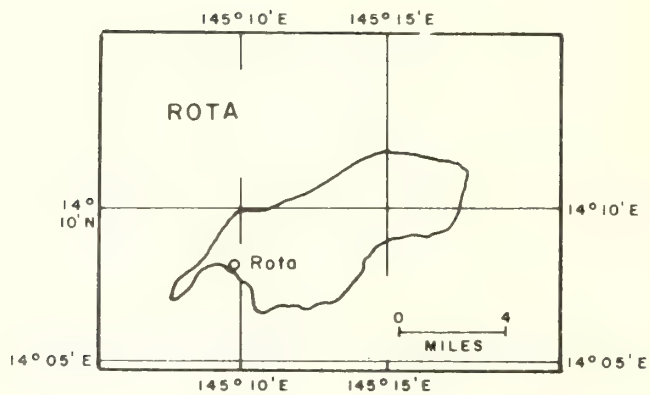
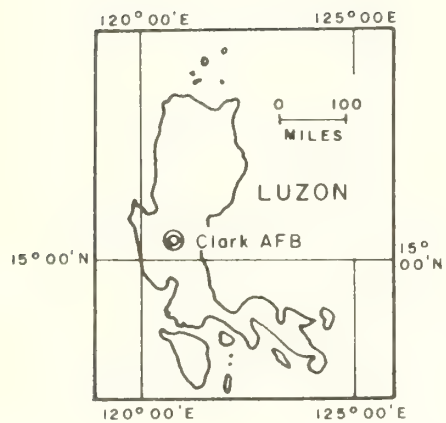
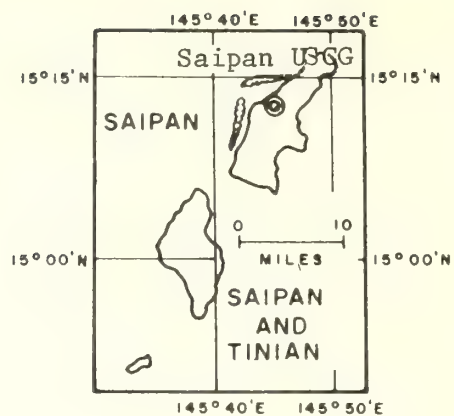
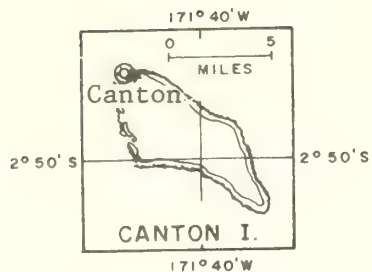
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Hoggard
Director, National Climatic Center
USCOMM-NOAA-ASHEVILLE, N.C. 7/8/75-970

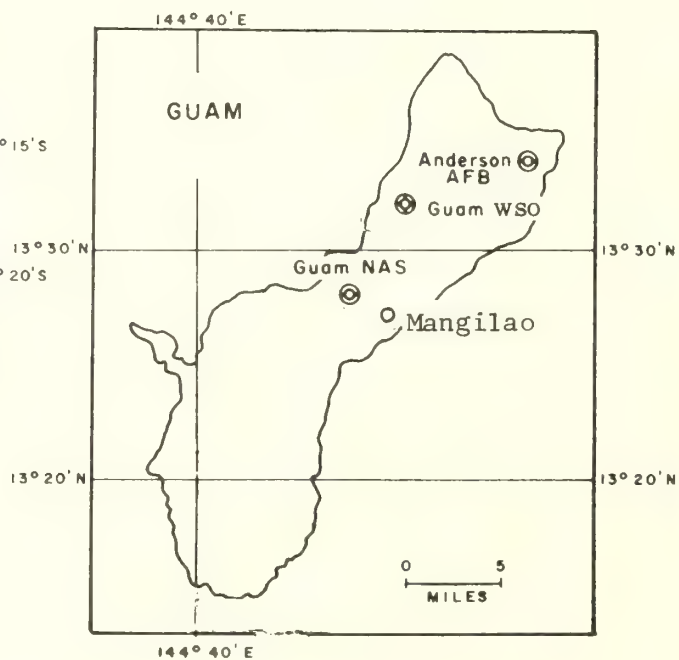


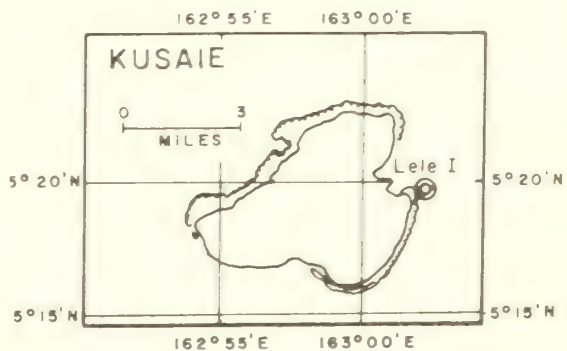
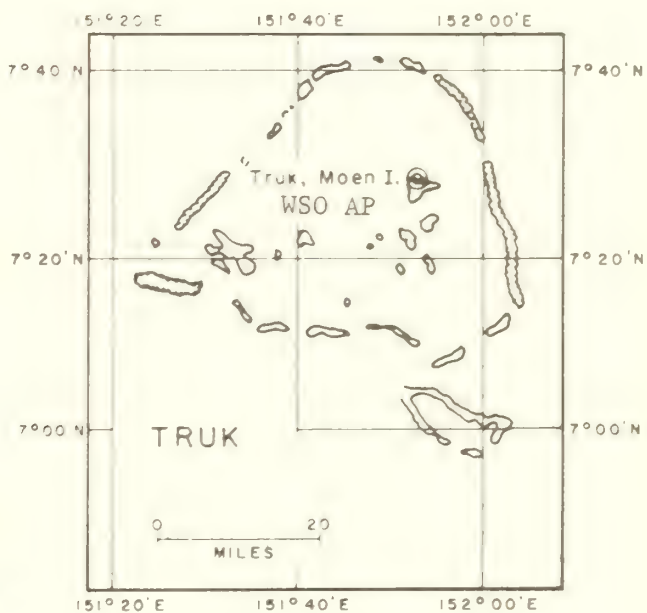
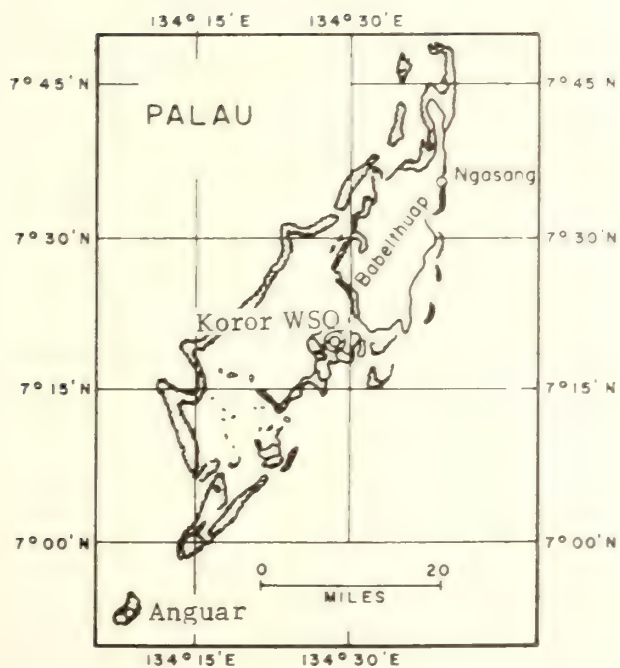
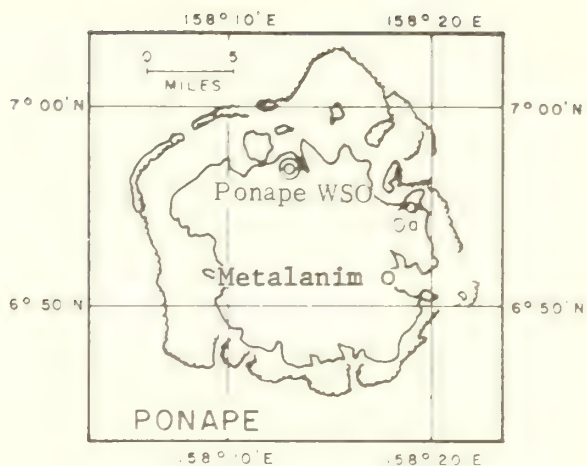
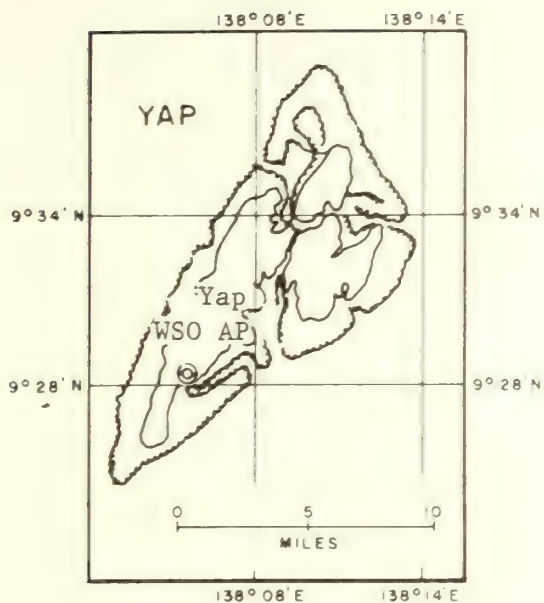




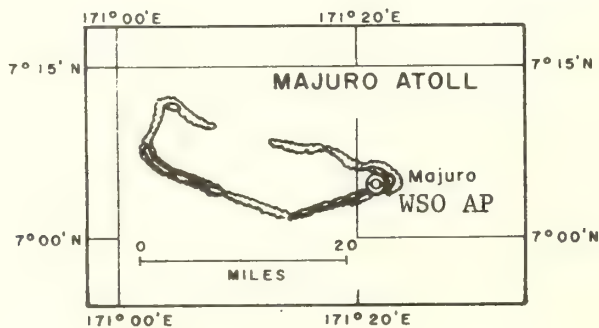
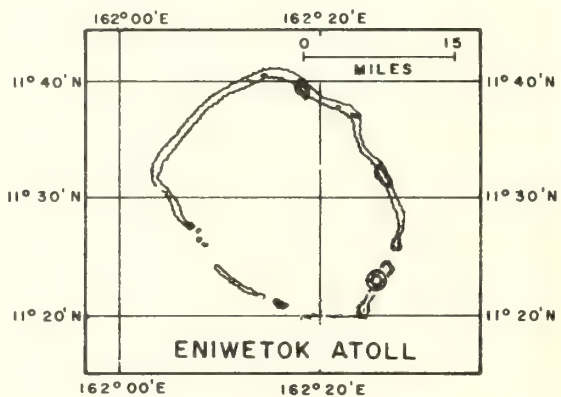
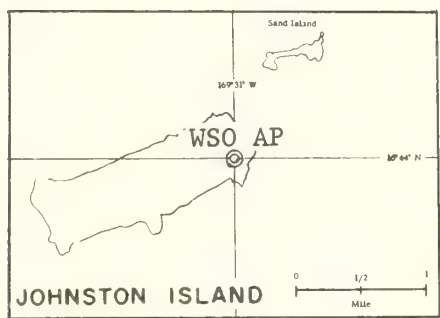
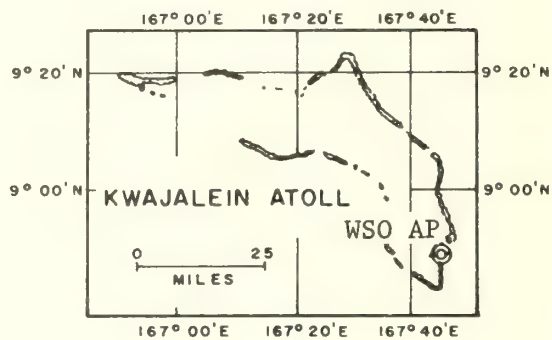
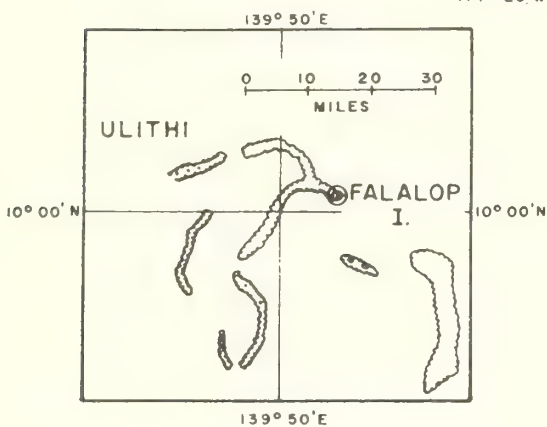
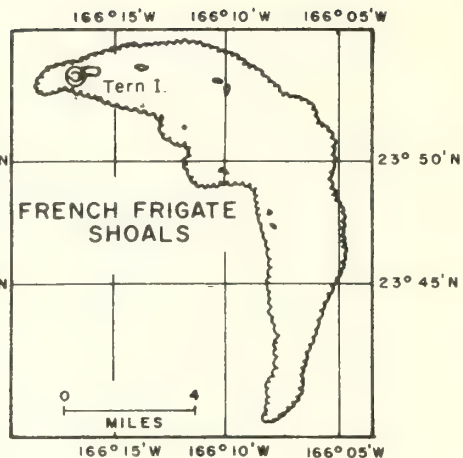
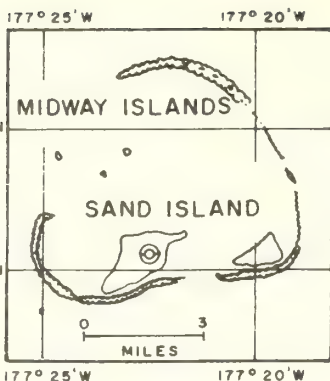
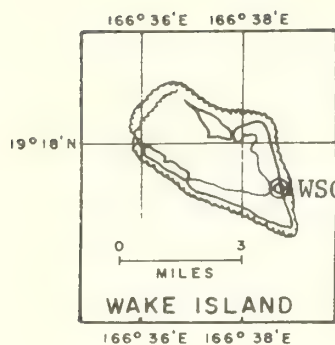


Reef





— Reef



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THIRD CLASS



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1975

STATION		TEMPERATURE												PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS					
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	-5.0 OR MORE	-1.00 OR MORE			
											90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW													
HAWAII																											
ISLAND OF KAUAI																											
ANAOHA 1114	A													2.03		.65	25		0			1	0				
KANALOHULU 1075		66.2	50.7	58.5		71	29	43	1	0	0	0	0	2.54		.58	9		0			9	1	0			
KAPAA STABLES 1104	A													2.05					0								
KILAUEA POINT 1133		78.2M	68.0M	73.1M		86	28+	65	25	0	0	0	0	1.73		.36	25		0			0	0	0			
KOLAR 936	A													5.19					0								
LIHUE WSO 1020.1 AP	//R	78.7	69.7	74.2	.9	81	12	65	11	0	0	0	0	1.17	- 2.08	.20	21		0			4	0	0			
MANA 1026		83.4	64.1	73.8	.9	87	21+	61	7	0	0	0	0	.56	- 1.06	.37	10		0			1	0	0			
N WAILUA DITCH 1051	A													15.73					0								
PH WAINIHA 1115														5.18	- 7.40	.93	25		0								
PUEHU RIDGE 1040														.95	- 1.64	.59	13		0			3	1	0			
WAHIAWA 930	II													1.65	- 1.03				0				0				
WAIAHI LOWER 1054		76.5	62.9	69.7		80	15+	58	11	0	0	0	0	10.49	- 1.17	1.80	25		0			23	8	1			
WAIMER 947														.45	- 1.24	.25	25		0			2	0	0			
ISLAND				69.9										3.82					0								
ISLAND OF OAHU																											
CHURCH COLLEGE LAIE		80.6	68.1	74.4		83	16+	61	11	0	0	0	0	1.40		.18	24		0			8	0	0			
HONOLULU OBSERV 702.2														.71		.36	22		0			2	0	0			
HONOLULU WSO 703 AP	R	82.0	67.0	74.5	-.3	85	30+	60	11+	0	0	0	0	.51	- .85	.40	8		0			1	0	0			
KANEHE MAUKA 781		77.8	68.1	73.0	.4	82	12	65	11+	0	0	0	0	3.41	- 2.85	.70	1		0			11	1	0			
KOOLAU DAM 833	A													12.36		1.54	5		0			23	9	3			
LUALUALEI 804	II	80.4	66.1	73.3		84	29+	58	11+	0	0	0	0	.48		.24	1		0				0	0			
MANOA LYON ARBORETUM		75.1	64.0	69.6		83	14	60	11	0	0	0	0	12.50		2.00	8		0			22	5	3			
NUUANU RES 4 783														8.88		1.44	19		0			19	5	2			
OPAEULA 870	A	81.7	61.6	71.7	3.6	84	30+	59	12+	0	0	0	0	1.70		.60	E		0				1	0			
PAOLO VALLEY 718	R													8.96	- 2.85	1.18	27		0			17	6	2			
PTI WAHIAWA 820.2	A	78.1	62.3	70.2		84	14	57	11	0	0	0	0	1.77					0				0	0			
WAHIAWA DAM 863	A													2.31					0				0	0			
WAIAHOLE 837	II													6.00					0				0	0			
WAIALEE 896.3		78.4	66.4	72.4		83	13	61	11	0	0	0	0	1.95		.29	25		0			8	0	0			
WAILUA 847	A	80.1	62.9	71.5	.0	85	29	56	10	0	0	0	0	.41	- 1.91	.09	1		0			0	0	0			
WAIKIKI 717.2		81.6M	64.3M	73.0M		84	30+	59	11+	0	0	0	0	.54		.40	1		0			1	0	0			
WAIMANALO EXP FARM		78.6	67.5	73.1		83	13	62	11	0	0	0	0	1.29		.63	1		0			2	1	0			
WAIPIHU 750	A													.73		.30	8+		0			2	0	0			
ISLAND				72.4										3.66					0								
ISLAND OF MOLOKAI																											
KUALAPUU 534	A													.51					0				0	0			
MAUNALOA 511	A													.23					0				0	0			
MOLOKAI AP 524																			0								
ISLAND				.0										.37					0								
ISLAND OF LANAI																											
LANAI CITY 672	II	74.1M	62.1M	68.1M	.5			58	16	0	0	0	0	2.19	- 1.10	.95	8		0					0			
ISLAND				68.1										2.19					0								
ISLAND OF MAUI																											
HALEAKALA B E S 434	A													2.63		.40	II		0			10	0	0			
HALEAKALA RS 338		60.4	39.9	50.2	- 2.0	71	30	33	11	0	0	0	0	.48	- 3.55	.20	8		0			2	0	0			
HANA AIRPORT 355		79.0	67.5	73.3		86	14	65	3	0	0	0	0	2.90		.22	15		0			16	0	0			
HONOKOHU 493	II													.87					0				0	0			
KAAHAPALI AP 453.1		79.7	66.1	72.9		82	30+	62	14	0	0	0	0	.19		.08	13		0			0	0	0			
KAHULUI WSO 398 AP	R	82.7	66.4	74.6	.8	86	27+	57	10	0	0	0	0	.10	- 1.15	.07	20		0				0	0			
KAILUA 446		73.8M	63.0M	68.4M	.8	83	7	60	11	0	0	0	0	8.63	- 3.08				0								
KEANAE 346	A													17.20					0								
KIPAHULU 258														4.77	- 2.56	.42	21		0			18	0	0			
KULA SANATORIUM 267		70.3	54.3	62.3	- 2	72	29+	52	19+	0	0	0	0	.39	- 2.59	.30	8		0			1	0	0			
LAHAINA 361		82.3	65.3	73.8	.5	84	30+	63	11+	0	0	0	0	1.14	.21	1.12	11		0			1	1	1			
PAIA 406														1.06	- 1.66	.15	5+		0			3	0	0			
WAILUKU 386	A	78.9M	66.8M	72.9M	.1					0	0	0	0	.05	- 2.36				0				0	0	0		
ISLAND				68.6										3.11					0								
ISLAND OF HAWAII																											
HAINA 214		76.3M	66.3M	71.3M	1.1	80	1	61	10	0	0	0	0	2.30	- 5.65				0								
HAWAII VOLCNS NP HQ 54		63.9	50.3	57.1	- 1.9	69	21	48	10	0	0	0	0	12.22	- 2.12	2.10	6		0			23	9	2			
HILO WSO 87 AP	R	79.2	65.6	72.4	.2	81	1	63	22+	0	0	0	0	10.23	- 2.65	1.15	6		0			23	8	2			
HUEHUE 92.1	II													4.61					0								
KAINALIHI 73.2		73.9	60.1	67.0		77	14+	56	10	0	0	0	0	3.86	- 2.03				0						0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1975

STATION	TEMPERATURE										PRECIPITATION													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE	
										5° OR ABOVE	1° OR ABOVE	1° OR BELOW	5° OR BELOW											
HAWAII																								
KEAAU 92		76.8	62.7	69.8		82	13	61	23+		0	0	0	0	11.91		1.24	18	.0	0		25	9	3
KONA (KAILUA) 68.3	A	H	H	H							0	0	0	0	1.80		.65	15	.0	0		8	0	0
KUKUIHALE HIC 199											0	0	0	0	9.32	- 4.85	1.02	21	.0	0		22	6	1
KULANI CAMP 79		59.2	45.8	52.5		67	13	42	12+		0	0	0	0	9.05		1.46	6	.0	0		4	0	0
PAHALA 21	A	76.7H	61.0H	68.9H	- 1.0	82	22	57	9		0	0	0	0	1.26		.40	27	.0	0		23	13	4
POHAKULOA 107	A														.28				.0	0				0
PURAO 95.1	A	82.0	67.6	74.8		84	30+	60	7		0	0	0	0	1.03		1.03	7	.0	0		1	0	0
PUU WAHAA 94.1	A														1.16		.33	14+	.0	0		0	0	0
UMIKOA 118															.62	- 8.52			.0	0				0
WAIKOA SCD 88.2															16.03		1.84	6	.0	0		23	13	4
ISLAND				66.7											5.31				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1975

STATION		TEMPERATURE										PRECIPITATION																
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS							
											MAX.	MIN.							TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	+10 OR MORE	+50 OR MORE	+100 OR MORE
												50° OR ABOVE	32° OR BELOW	32° OR BELOW														
PACIFIC																												
EAST OF 180TH MERIDIAN																												
CANTON ISLAND FAGA ALU RESERVOIR JOHNSTON WSO AP LEONE FRENCH FRIGATE SHOALS		91.2M	75.4M	83.3M		93	11+	73	30+		22	0	0	0	.78				.0	0		0	0	0				
	R	80.4	73.5	77.0	- .6	82	27	67	1		0	0	0	0	24.05		5.80	22	.0	0		11	8	6				
															.51	- 2.02	.13	1	.0	0		2	0	0				
			88.5	81.0	84.8		92	5+	73	30+		9	0	0	0	28.03		7.23	29	.0	0		21	9	8			
LUMA VILLAGE MIDWAY SAND ISLAND PAGO PAGO WSO AP SWAINS ISLAND															19.12		5.14	21	.0	0		17	7	4				
R	84.5	75.2	79.9	- .7	87	28+	71	29+		0	0	0	0	22.77	10.51	10.18	29	.0	0		14	7	6					
																		.0	0									
																		.0	0									
WESTERN PACIFIC ISL. NORTH OF 12 N																												
ANDERSEN AFB GUAM CLARK AFB LUZON GUAM NAS GUAM WSO MANGILAO		83.9	76.5	80.2	-.7	87	15	74	24+		0	0	0	0	2.91	-.76	1.20	14	.0	0		7	1	1				
	R	92.7	74.3	83.5	-.3	99	8+	72	4		25	0	0	0	1.32	-.21	.90	24	.0	0		3	1	0				
																			.0	0								
			85.7	72.7	79.2	-.2	88	30	69	29+		0	0	0	0	3.67	-.36	1.27	14	.0	0		9	2	1			
ROTA															2.74		.48	15	.0	0		11	0	0				
SAIPAN USCG LORAN WAKE WSO AP																			.0	0								
	R	83.5	71.0	77.3	- 1.0	85	29+	68	18+		0	0	0	0	.91	- 1.31	.21	14	.0	0		4	0	0				
																			.0	0								
CAROLINE AND MARSHALL ISLANDS																												
ANGUAR ENIWEOTOK FALALOP I., ULITHI KAPINGAMARANGI ATOLL KOROR WSO																			.0	0								
	R	88.2	75.7	82.0	.1	91	3	72	23		1	0	0	0	10.00	1.31	2.26	30	.0	0		13	5	4				
																			.0	0								
																			.0	0								
KWAJALEIN WSO AP LELE I., KUSAIE MAJURO WSO AP METALANIM MOKIL ATOLL		87.6	77.9	82.8	1.0	89	24+	74	27		0	0	0	0	6.45	.54	5.17	27	.0	0		4	2	1				
	R	84.0	76.4	80.2	-.9	86	26+	73	5		0	0	0	0	12.76	2.45	4.16	23	.0	0		15	6	3				
			84.9	80.2	82.6		88	28	74	19		0	0	0	0	11.47		3.62	25	.0	0		18	7	2			
NGASANG, BABELTHURP PONAPE WSO SATAWAN ATOLL TRUK, MOEN I., WSO AP WOLEAI ATOLL																			.0	0		11	3	1				
	R	87.1	75.8	81.5	.8	90	28	72	27		1	0	0	0	16.79	- 2.79	3.70	25	.0	0		17	6	5				
																			.0	0								
																			.0	0								
R	86.7	77.7	82.2	.9	89	30	74	19+		0	0	0	0	4.25	- 8.92	1.08	19	.0	0		10	4	1					
																		.0	0									
																		.0	0									
YAP WSO AP	R	87.4	74.1	80.8	- .9	90	13+	70	12		2	0	0	0	10.73	4.75	3.68	29	.0	0		10	6	5				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
APRIL 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1975

STATION	TOTAL	DAY OF MONTH																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																			
KAUNAKAKAI 536	.00																																		
KEONELE PENS 551	.00																																		
KUALAPU 534	.51								.09					x	x	x	.19			.02	x	x	.15		.03		.02				.01				
MAUNOA 511	.23		.02													.02					x	x	.03			.01		x	x		.15		.01		
MOLOKAI AP 524																																			
PUNAHOU RANCH 542.1	1.80					.10			.10							.10	.10			.20	x	x	.40	.30		.10		.20		x	x	.20			
WAIKOLU 540	5.35	x	x	x		x	x	x	1.97	x	x	x	x	x	x	.96	x	x	x		x	x	1.06	x	x	x		x	x	x	1.37	x	x		
ISLAND OF LANAI																																			
KANEOHE 690	.93	x	x	x		x	x	x		x	x	x	.03	x	x	x	x		.75								x	x	x	x	x	.15			
KUHALAPU HARBOR 650	.57							.39	.11																						.07				
LANAI AIRPORT 656																																			
LANAI CITY 672	2.19	.01		.01				.01	.95	.01			.29	x		.60	.03													.22	.05	.01			
LANAIHOLE 684	3.38	x	x	x		x	x	x			1.33	x	x	x	x	x		1.15	x	x	x	x		x	x	.05		x	x	x		.05			
MAHANA 694	.91	x	x	x		x	x	x		x	x	x	x	x	x	x		.75									x	x	x	x	x	.05			
MAHUA 676	.71	x	x	x		x	x	x		x	x	x	.46	x	x	x	x		.15								x	x	x	x	x	.10			
MAHAKULA 695	.70	x	x	x		x	x	x		x	x	x	x	x	x	x	52	x	x	x	x	x	x	x	x		x	x	x	x	x	.18			
ISLAND OF MAUI																																			
AWAHIA 252	1.30	x	x	x		x	x	x		x	.05	.16			.10	.87																			
HALEAKALA B E S 434	2.63			.17		.07	.25	.28		.12	.40	.01			.02		.04			.25	.05	.27	.35		.04	.06	.14		.11						
HALEAKALA RANCH 432	1.14	x	x	x		x	x	x		x	1.14	x		x	x	x	x		x	x	x														
HALEAKALA RS 338	.48	T	T	T			.06	.15			.05	.20	T			.02	T	T	T	T															
HALEAKALA SUMMIT 338.4	.62									.51	.11																								
HALIPILE 423	2.96	2.10		.08		.03	.01	x		.14	.01				.27		.27		.04	.14	.26	.03	x	.25	.06	.01	.04		.06		.04				
HANAKUPOKO 405	4.60			.20		.34	.29	.20		.17	.36				.27		.27		.04	.14	.26	.19	.17	.11	.14	.08	.41	.68	.04	.06		.12	.02	.04	
HANA 354	1.89					.34	.04	x		.33		.06		.07		.01	.01	.03	.11	.15	.15	x	.11		.08	.33		.11	.07		.10		.13		
HANA AIRPORT 355	2.90	T	T	T	.10	.10	.11	.15		.16	.17	.08		.21	.07	.01		.02	.07	.22	T	.12	.13	.16	.07	.05	.02	.13	.08	.15	.16	.18	.10	.05	.02
HANAHULI 281	3.53	.04	.05	.10		.20	.25	.22		.30	x	.35		.06	x	.04		T	.10	.02	.09	.14	x	.30	x	.20	.10	.04	.24	.14	.15	.03	.32	.05	
MDLVA CABIN 259.5	2.59	x	x	x		x	x	x		x	x	x	2.53	x	x	x	x	x	x	x	x	.06	x	x	x	x	x	x	x	x	x	x	x		
HONOKOHU 480	7.14	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	7.14			
HONOKOHU 493	.87			.01		.06	.02	x		.10	x			.03	x	.08	.09		.04	.06	x	x	.05		.02		.08	x	x	x	.14	.09			
HONOHU GULCH 341	3.20	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.20			
KANAPALI AP 453.1	.19			.01						.02					.08							.01	T		.03										
KANAPALI INTAKE 374	10.50	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.50			
KANALUO HSD 398 AP	1.10	T	T	T		T	T	T				.01		T			T	T	T	T	T	.07	T		.02										
KAILIHI 435	7.44	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	7.44			
KAILUA 446	8.63			.11		.70	x	x	1.55	.73	.05		.01	x	x	.18	.52		.07	.25	.65	x	x	.86	.28	.26	.53	1.03	x	x	.65	.04	.16		
KAILUA INTAKE 375	3.27	x	x	x		x	x	x		.95	x	x	x	x	x	.76	x	x	x	x	x	1.21	x	x	x	x	x	x	x	x	.35				
KEAHUA 410	.09			T					.02	.02				.03					T			.02													
KEAHUA 346	17.20	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	17.20			
KEAHUA BEACH 260.2	.09													.09																					
KIHEI 311	4.77	.21	.08	.09		.33	.40	.21		.17	.15	.40	.02		.03	.22						.42	.07	.37	.20		.32		.28	.30	.10	.11			
KULA HEIGHTS 323.2	.29									.22	.07																								
KULA SYNATORUM 267	.39									.30					.03																				
LAHAINA 361	1.14									.02			1.12	x				x	x	x	x	x	x	x	x	x	x	x	x	.01	T	.05	T		
LAUNIPOKO INTAKE 376	4.70	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.70			
LAUNIPOKO VILLAGE 372	.21									.07					.14																				
LUPU UPPER 442	11.70	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	11.70			
MAHINAHINA 466	1.11			.10		.03			.36						.14				.16		.09				.04		.17			.02					
MAHALELE FIELD 50 497	.58	x	x	x		x	x	x		.13	x	x	x	x	x	.10	x	x	x	x	x	.18	x	x	x	x	x	x	x	x	.11	.06			
OLIMPA 332	6.59	x	3.02	x		x	x	x		x	x	1.80	x	x	x	x	x	.35	x	x	x	x	x	x	.99	x	x	x	x	x	x	.53			
OLIMPA 295	.00																																		
PAAKEA 350	15.79	x	x	.10		1.14	.76	1.36		1.88	.53	.12		.04	.02	.04		.23	.04	.78	14	.24	1.35	.36	.66	.97	.47	.53	.87	1.41	.32	.43	.16	.25	.49
PAAKEA 405	1.06	x	x	.15		.03	.15	.08		.62	.04	.01			.01	.01		.04	.09	.08			.08	.05	T	.07		.12	.01						
PANILEHU 259.2	9.20	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	9.20			
PAAKEA BRIDGE 307.2	.05	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
POLIPOLI SPRINGS 267.2	.44	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.44			
PUNAHOU 2 343	20.00	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	20.00			
PUNENE 386	.04													.02					.02																
SPRACKELSVILLE 400 2	.37			.06		.02	.02	.02						.02					.01		.03	.05	.06	.01	.04		.03								
TWIN GATES 261.3																																			
UKULELE 333	1.45	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	1.30														.15		
ISLAND OF OAHU																																			
UKUPEHAME 301	.00																																		
ULUPALAKUA RANCH 250	.28	x	x	x		x	x	x		x	x	x	x	x	x	.26	x	x	x																

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KIOLAHA A & F 6	A	3.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KIPA 89.2	A	20.43	.27	1.02	1.12	x	x	5.80	.71	.32	.38	x	x	x	41	64	30	17	87	x	x	4	02	.71	60	52	47	x	x	80	49	81	
KOHALA MAULILI 176	A	4.23	.01	.18	.07	x	x	.48	.03	.01	.01	x	x	x	01	05	17	38	x	x	1	43	23	21	19	33	x	x	23	15	06		
KOHALA MISSION 175.1	A	3.36	.02	.17	.15	.03	.45	.04	.01	.03	T	T	x	x	03	T	06	11	T	23	.22	.50	.28	12	21	05	42	03	06	07	T	06	
KOJALE LOWER 106	A	4.45	x	x	x	.85	x	T	x	x	x	x	50	x	x	x	x	x	90	x	x	x	x	x	x	20	x	x	x	x	x	x	
KONA (KAILUA) 68.3	A	1.80	.03	.05	.19	x	x	x	x	x	x	x	x	x	05	65	03	37	x	x	x	14	09	x	x	x	x	x	x	x	x	x	
KONA VILLAGE 93.8	A	.61	.16	.16	.22	.44	.05	.05	.02	.03	.07	x	x	x	05	15	x	x	x	x	07	x	14	11	01	18	x	x	x	x	x	x	
KUKAIUA 222	A	4.03	.29	.03	.02	.24	.05	.05	.02	.03	.07	x	x	x	11	04	22	07	56	14	41	14	11	01	18	05	02	.02	.01	.28	.13		
KUKUHALE HIC 109	A	3.32	.03	.02	.02	.24	.05	.05	.02	.03	.07	x	x	x	11	04	22	07	56	14	41	14	11	01	18	05	02	.02	.01	.28	.13		
KUKUHALE MILL 206	A	2.53	.02	.02	.02	.24	.05	.05	.02	.03	.07	x	x	x	11	04	22	07	56	14	41	14	11	01	18	05	02	.02	.01	.28	.13		
KULANI CAMP 79	A	9.05	.20	.56	.45	43	1.46	1.25	61	22	.10	05	10	.05	.08	.21	21	13	40	07	72	71	.25	.15	.08	10	05	08	.10	.15	.10		
KULANI MAUKA 76	A	1.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KULANI SCHOOL SITE 78	A	7.22	x	x	x	x	1.57	x	x	x	x	x	2	85	x	x	x	x	x	x	x	x	x	x	x	x	2	80	x	x	x	x	
LAKIHAU 68.2	A	7.69	.15	.08	.18	.30	.76	.40	.07	.05	x	x	x	x	16	84	.31	.42	.31	.77	52	05	.03	.52	.05	12	26	12	12	95	15		
MAKAHALAU 103	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAUKA 2	A	3.00	x	x	x	x	x	x	x	x	x	x	x	x	1	49	60	x	x	x	10	T	x	x	x	20	x	x	x	x	x	x	
MAUNA KEA 085 111.2	A	.02	T	T	T	.01	.72	.01	x	x	x	x	x	x	x	20	x	x	x	x	x	1	07	x	x	x	x	x	x	x	x	x	
MAUNA LOA SLOPE 085	A	.76	.35	x	x	x	x	.51	x	x	x	x	x	x	x	20	x	x	x	x	x	1	07	x	x	x	x	x	x	x	x	x	
MIDDLE MAUNALO A 68.1	A	2.29	x	x	x	x	x	x	x	x	x	x	x	x	x	20	x	x	x	x	x	1	07	x	x	x	x	x	x	x	x	x	
MIDDLE PEN 147.1	A	.75	x	x	x	x	x	x	x	x	x	x	x	x	x	20	x	x	x	x	x	1	07	x	x	x	x	x	x	x	x	x	
MAUNA 18	A	.62	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOUNTAIN VIEW 81	A	16.11	.30	.84	.83	.68	1.44	1.67	.51	.31	.02	.02	.04	.05	.41	.46	.49	.19	.70	.59	1	29	1	17	91	39	54	14	23	20	15	45	69
MAULEHU 14	A	1.57	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MAPOPOPO 28	A	1.32	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
NIULII 179	A	2.55	.14	.04	x	x	.36	.04	x	x	.04	T	21	x	21	x	04	x	.08	x	x	89	08	21	02	37	x	x	x	x	x	x	
OKALA 223	A	5.66	T	.03	.37	.03	.38	1.05	.14	.02	.02	.04	T	21	x	21	15	.12	.04	.33	.27	81	74	.27	.22	17	09	01	09	T	.02	15	
OPINHALE 2 24.1	A	3.75	.20	T	.06	.13	.77	.02	.7	.46	T	.18	.09	T	.07	.50	.46	.15	.15	11	.02	.02	.27	T	.62	T	.02	11	.09	T	.02	15	
ORCHID LAND EST 91.5	A	12.47	x	x	3.06	x	x	x	x	x	x	3	73	x	x	2.05	x	x	x	x	x	x	x	x	x	3	63	x	x	x	x	x	
PARAHU 217	A	2.88	.08	.02	.44	.02	.44	.02	T	T	.01	T	T	.03	.05	.10	.17	.66	.97	.64	.65	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	
PARAU 221	A	2.93	.19	T	.06	.37	.02	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
PAHALA 21	A	1.26	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	
PAHALA 65	A	11.61	.06	.11	.62	.65	.46	.97	1.12	.62	.18	11	49	.04	.08	.49	.55	.19	.16	.52	.20	.36	.31	.32	.53	.76	.66	.24	.22	.15	.46	.46	
PAHALA 37	A	2.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAIKOU 144.1	A	10.65	.06	.68	.80	x	x	2.70	.48	.31	.05	x	x	x	20	18	26	11	.71	x	x	1	25	42	49	31	23	x	x	.56	.23	.62	
PAPAIKOU MAUKA 140.1	A	17.64	.18	1	.06	.72	x	x	5.20	.53	.39	.04	x	x	x	37	40	.52	.15	1	12	x	x	2	52	92	60	52	44	x	.66	.28	1.02
PITHONUA 89	A	22.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PONAKULA 107	A	.28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PURAKO 95.1	A	1.03	T	T	T	T	T	1.03	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
PUU KINE 120	A	2.66	2.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LAHU 102.1	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU LEHUA 73	A	2.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MAI 113	A	1.85	1.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU 00 82	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU MAHUA 94.1	A	1.16	.01	.21	.02	x	x	x	x	x	33	x	x	08	x	x	33	01	x	2	20	x	x	x	x	x	x	x	x	x	x	x	x
SADDLE ROAD 1 84	A	20.08	x	x	2.00	x	x	x	x	x	x	9	65	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
SOUTH POINT CORRAL 3	A	.91	x	x	x	x	x	.15	x	x	x	x	x	x	55	x	x	x	x	x	x	20	x	x	x	x	x	x	x	x	x	x	x
UPKOLA 118	A	.62	.02	.22	.26	.15	.04	.03	.01	x	.07	x	08	x	x	01	.06	.13	.20	.62	.64	.98	1	15	.82	.18	.35	.45	.36	.07	.09	.42	.99
UPKOLA POINT USCG 159.2	A	2.68	.37	.92	.81	1.07	1.84	1.42	.66	.08	.09	.15	.03	.62	.12	.11	.20	.62	.64	.98	1	15	.82	.18	.35	.45	.36	.07	.09	.42	.99	.99	
WAIKAKEA SCD 88.2	A	16.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
APRIL 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
APRIL 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	69 43	62 54	66 53	68 53	65 53	67 51	67 48	67 44	67 50	67 46	67 48	67 54	68 53	67 46	68 49	68 47	64 49	65 51	62 54	62 52	65 53	63 52	63 53	62 54	69 53	69 54	69 55	71 50	67 49		66.2 50.7	
KILAUEA POINT 1133	MAX MIN	77 66	77 69	78 67	76 67	76 68	77 69	76 68	77 66	77 69	77 68	81 65	85 68	82 66	79 69	70 72	79 67	75 69	76 68	77 68	77 68	74 69	74 69	74 66	74 65		86 68	78 68	78 70		78.2 68.0		
LIHUE WSO 1020.1 AP	MAX MIN	77 68	78 68	78 71	78 70	79 69	78 71	78 71	79 70	79 71	81 67	81 65	84 68	82 66	72 71	82 71	77 69	80 70	79 68	76 69	76 68	80 69	78 70	76 69	76 69	78 70	80 72	80 72	80 73		78.7 69.7		
MAKAHUEA POINT 940.1	MAX MIN	79 70	79 71	79 69	79 73	79 71	77 69	77 72	76 66	77 72	81 72	85 68	84 73	82 72	82 72	77 69	81 72	79 72			78 72	75 72	75 66	75 70	74 67	74 70	76 67	71 71	82 74		78.8 70.4		
MANA 1026	MAX MIN	84 64	84 65	84 66	85 64	84 62	81 62	80 61	85 63	82 62	81 62	81 64	83 69	82 62	85 62	86 65	85 63	85 63	85 66	87 63	87 65	84 63	86 62	82 66	82 66	79 65	83 65	83 55	82 64	84 63		83.4 64.1	
NIU RIDGE 1035	MAX MIN	80 62	79 62	80 61	81 60	80 61	81 60	80 58	78 56	75 57	79 62	78 62	79 63	80 59	78 57	79 57	80 60	81 61	78 60	81 58	80 59	80 57	80 56	81 57	80 57	78 61	78 58	79 60	80 60		79.4 59.3		
WAIKAI LOWER 1054	MAX MIN	78 64	76 66	77 63	76 62	75 64	74 62	78 63	78 62	77 63	77 60	78 58	80 60	78 62	80 60	80 64	78 60	75 64	76 64	75 62	78 64	76 63	75 60	74 64	73 64	74 65	73 65	77 64	76 64	78 66		76.5 62.9	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX MIN	79 66	80 67	81 68	80 67	80 67	79 69	82 67	82 67	82 70	82 70	83 61	82 68	80 68	82 71	83 70	81 67	79 69	80 68	81 69	80 67	79 68	79 66	75 66	80 68	80 69	79 69	81 70	81 71	82 71		80.6 68.1	
EWA PLANTATION 741	MAX MIN	75 63	79 64	81 65	80 64			80 62	83 63	80 63	82 59	82 59		83 63	84 62	82 63	82 64	79 65			81 64	80 65	79 67	78 66	75 66		83 65	84 67	84 64		80.7 63.8		
HONOLULU WSO 703 AP	MAX MIN	82 65	83 68	82 67	82 67	81 67	81 67	83 66	82 66	82 67	79 60	80 60	80 66	84 66	85 63	83 68	83 67	80 68	82 66	82 69	83 68	82 68	80 68	80 77	77 68	82 69	83 68	84 70	84 71	85 69		82.0 67.0	
HONOLULU SUBSTA 704	MAX MIN	80 69	79 69	77 69	76 65	76 64	75 65	77 65	78 64	78 67	76 65	78 64	77 67	82 67	81 65	79 65	78 66	76 67	77 67	75 67	76 68	75 67	76 66	74 67	76 68	78 69	79 70	79 71	78 70		77.4 67.0		
KANEHE MAUKA 781	MAX MIN	79 67	77 70	77 70	76 69	76 68	77 69	76 67	78 67	78 68	78 65	79 66	82 66	81 66	81 69	80 68	78 68	77 67	75 67	78 69	78 66	78 68	77 69	77 69	75 69	73 67	77 68	77 69	78 70	80 70		77.8 68.1	
LUALUALEI 804	MAX MIN	82 64	79 69	78 68	79 69	78 67	78 68	80 63	80 64	81 63	82 58	82 58	82 60	83 60	81 68	82 69	81 66	73 66	81 67	80 66	80 66	80 66	81 68	78 68	75 68	81 70	83 69	81 70	84 67	84 69	82 69		80.4 66.1
MANOA LYON ARBORETUM	MAX MIN	75 63	79 66	76 64	75 65	73 64	72 64	71 64	76 65	77 64	79 62	80 61	80 61	83 63	83 64	77 65	76 64	76 64	71 64	75 65	74 64	71 63	74 65	69 65	70 64	70 65	74 65	75 65	78 65		75.1 64.0		
OPAEULA 870	MAX MIN	84 59	84 61	79 59	84 60	84 59	84 60	82 61	80 62	79 63	79 66	79 61	79 59	79 61	82 62	82 61	84 62	82 63	72 63	82 62	84 63	72 63	84 62	84 63	84 63	84 62	84 62	84 61	84 62	84 62		81.7 61.6	
PRI WAIKAWA 820.2	MAX MIN	72 61	79 62	77 64	77 60	77 62	75 63	78 59	80 61	80 60	80 60	83 57	80 60	79 60	84 59	82 61	80 63	78 65	73 62	73 62	76 64	78 61	76 65	77 64	75 65	77 64	73 65	77 66	79 64	80 65	80 62		78.1 62.3
WAIKALEE 896.3	MAX MIN	72 67	77 60	79 67	77 66	76 66	79 65	76 65	79 67	79 69	79 68	81 65	81 65	83 66	82 67	82 68	79 66	76 67	77 67	78 66	78 65	79 64	78 64	76 64	76 66	78 67	76 69	79 66	79 66	80 69		78.4 66.4	
WAIKALUA 847	MAX MIN	73 61	81 62	80 64	78 59	79 60	78 64	82 60	80 61	80 59	83 56	82 58	82 59	84 64	84 61	84 61	82 65	78 64	79 61	79 64	79 69	79 65	78 67	75 65	75 66	80 66	82 65	83 65	85 63	83 63		80.1 62.9	
WAIKIKI 717.2	MAX MIN	77 61	82 67	82 62	80 66	82 66	81 64	81 65	82 63	82 65	82 59	82 59	83 63	81 63	84 60	84 65	82 65	82 65	82 65	82 65	81 66	81 66	79 66	78 66	80 65	83 65	82 66	84 66		81.6 64.3			
WAIMANALO EXP FARM	MAX MIN	75 65	77 69	78 67	78 69	78 69	78 69	78 70	79 68	79 68	80 63	81 62	80 64	83 65	82 68	81 68	80 68	79 67	78 68	79 68	78 68	79 66	78 66	78 66	76 66	75 68	77 69	77 70	78 70	80 70		78.6 67.5	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	76 61	76 63	76 62	75 62			77 62	76 62	75 63	76 62	76 61			76 60	74 63	73 58	71 62	73 64			73 62	72 62	72 62	71 62	68 63		75 64	74 63	75 64		74.1 62.1	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	58 40	60 45	62 37	59 39	56 42	56 41	62 36	52 39	59 37	60 34	58 33	55 36	57 37	57 36	58 35	59 34	57 39	60 38	58 41	61 43	57 43	65 45	63 46	62 35	65 47	66 44	65 43	63 46	70 41	71 46		60.4 39.9
HALEAKALA SUMMIT 338.4	MAX MIN	49 35	50 40	51 34	53 33			50 32	47 33	48 34	53 38	55 40	55 36	55 36	52 43	60 42	60 38	55 41	54 40	60 41	60 41	54 40	50 37	52 36	53 44	58 43	62 41	62 40	60 43		55.3 38.5		
HANA AIRPORT 355	MAX MIN	80 69	80 69	80 65	77 67	79 67	76 67	76 67	79 66	79 66	79 67	80 67	80 69	82 69	86 65	79 67	79 66	78 67	79 66	79 66	78 67	78 67	78 67	76 67	77 67	78 67	80 65	81 65	80 70		79.0 57.0		
KAANAPALI AP 453.1	MAX MIN	80 65	80 68	81 66	80 68	80 67	78 68	79 65	80 64	81 64	80 63	79 63	79 65	80 65	81 66	81 66	80 68	79 68	80 67	79 67	79 67	79 66	79 66	77 66	76 67	82 65	81 65	80 69	80 66	82 66		79.7 66.1	
KAHULUI WSO 398 AP	MAX MIN	86 65	84 70	81 69	82 69	80 69	79 67	84 60	82 63	82 63	83 63	83 64	84 65	85 68	84 70	84 63	83 68	82 65	83 68	80 68	81 69	81 68	81 70	81 69	80 68	82 69	85 66	85 63	85 68	84 69		82.7 66.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
APRIL 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAILUA 446	MAX MIN	74 64	75 65	74 64	70 62			83 63	73 64	74 63	74 61	75 60			79 61	75 63	74 63	72 62	73 63			72 63	72 63	70 63	70 63	69 63			75 63	75 67	75 64		73.8 63.0	
KEAWAKAPU BEACH 260.2	MAX MIN	82 64	82 63	85 61	85 60	83 61	86 59	86 61	82 62	85 60	84 60	84 63	85 66	85 65	83 63	85 63	86 60	86 60	84 62	87 61	86 62	87 61	86 65	87 61	85 63	84 67	84 62	85 63	85 66	86 65	85 65		84.8 62.5	
KULA SANATORIUM 267	MAX MIN	71 55	71 54	72 53	72 54	70 54	71 52	71 53	71 53	70 53	70 52	69 52	70 53	70 55	69 54	69 54	70 52	69 53	70 54	70 52	70 53	70 54	72 55	71 56	70 57	69 58	69 57	68 57	69 57	72 57	71 56		70.3 54.3	
LAHAINA 361	MAX MIN	83 66	82 65	83 66	81 64	83 65	82 64	83 66	82 65	81 64	81 63	82 65	82 66	82 68	82 66	83 65	83 66	80 64	83 65	82 64	83 65	83 65	83 64	82 64	80 67	81 64	82 68	83 66	84 66	84 66	84 66		82.3 65.3	
WAILUKU 386	MAX MIN	81 66	81 67	81 67	77 67			79 66	79 67	78 68	78 63	79 63			83 64	80 68	80 68	78 66	78 68			78 67	77 67	77 67	77 67	76 67			79 68	79 69	81 69		78.9 66.8	
ISLAND OF HAWAII																																		
HAINA 214	MAX MIN	80 68	78 68	78 68	75 68			78 68	76 68	76 66	74 61	78 62			78 68	78 68	78 64	78 68	76 68			74 64	72 68	72 63	74 64	78 68			78 66	78 68	72 64		76.3 65.3	
HAWAII VOLCNS NP HQ 54	MAX MIN	67 51	67 50	59 50	62 49	64 51	59 49	64 49	64 50	66 50	65 48	67 49	63 49	68 52	66 51	66 51	64 50	59 49	65 49	62 51	59 49	69 51	63 49	62 49	63 50	60 52	60 51	64 52	67 53	65 53	68 52		63.9 50.3	
HILO WSO 87 AP	MAX MIN	84 64	79 66	78 64	79 65	76 66	76 65	80 65	80 66	80 65	82 63	81 64	83 64	83 66	80 66	77 66	81 65	81 66	77 66	78 66	78 67	77 66	76 65	76 66	75 66	81 66	81 67	82 66	91 69	81 68	78 67		79.2 65.6	
KAINALIU 73.2	MAX MIN	76 60	77 60	73 60	74 60	73 60	70 58	76 59	75 58	72 59	77 56	76 61	73 61	76 58	77 57	75 61	72 62	73 60	73 60	72 62	71 61	73 61	73 61	74 60	74 61	72 62	73 62	74 61	74 61	75 61	74 60		73.9 60.1	
KAMUELA 192.2	MAX MIN	74 42	74 42	74 41	74 44	73 43	73 42	73 43	71 43	71 35	74 38	74 42	74 43	77 43	77 43	77 42	76 42	77 42	77 42	77 43	77 44	77 42	77 41	77 42	77 41	77 42	77 43	77 43	77 45	77 43	77 42		73.3 42.3	
KEARU 92	MAX MIN	78 61	79 61	77 62	77 62	77 62	75 63	72 62	76 62	78 62	77 62	79 61	80 63	82 62	79 64	78 64	76 62	77 61	78 62	77 63	76 63	76 65	73 61	75 61	76 63	73 63	73 63	78 63	78 66	78 65	77 65		76.8 62.7	
KOHALA MISSION 175.1	MAX MIN	79 61	76 65	75 63	75 63	75 63	72 64	73 63	78 63	76 63	76 61	80 62	78 61	76 63	79 64	77 64	76 63	76 65	77 63	74 64	72 64	72 64	73 64	73 64	75 64	70 64	72 64	76 64	77 66	76 65		75.3 63.6		
KONA (KAILUA) 68.3	MAX MIN	81 68	80 67	80 67	80 66			81 66	80 64	81 66	82 68			83 66	82 67	79 67	78 68					80 68	80 70	80 67	79 69	79 69			81 67	81 70	82 67			
KULANI CAMP 79	MAX MIN	64 43	62 47	64 46	55 42	58 47	59 47	60 48	57 45	59 45	59 45	61 42	61 42	67 45	57 48	59 46	55 43	55 45	58 45	59 46	55 48	55 48	58 45	57 46	59 47	60 49	56 46	61 45	60 47	60 45	63 50		59.2 45.8	
MAUNA LOA SLOPE OBS	MAX MIN	53 34	51 33	49 34	49 34	49 34	49 31	47 28	45 28	46 29	49 29	48 30	52 33	52 34	55 35	54 35	52 34	55 38	51 38	53 36	53 34	53 34	54 38	56 40	52 37	45 37	49 37	48 35	52 36	52 34	49 35		50.7 34.3	
MOUNTAIN VIEW 91	MAX MIN	74 58	75 59	69 58	72 58	73 58	73 58	73 58	71 59	75 58	73 57	77 58	76 58	76 58	75 58	75 60	72 58	71 58	75 59	71 59	71 59	71 59	71 57	71 58	71 59	71 59	71 58	71 58	71 60	71 62	70 60		72.7 58.4	
NAALEHU 14	MAX MIN	77 66	76 66	78 64	77 64			77 64	77 65	77 64	77 64	77 65			78 63	77 65	78 64	75 65	77 67			78 66	78 67	77 65	77 66	75 66			77 64	73 67	78 65		76.9 65.1	
OOKALA 223	MAX MIN	77 62	77 62	79 63	76 63	76 60	73 63	75 64	77 62	78 62	77 63	76 62	78 62	78 64	77 64	78 64	77 62	78 64	77 64	75 65	75 64	74 64	75 63	74 64	77 63	75 64	74 65	78 65	77 69	78 61	76 65		76.4 63.4	
OPIHIKALE 2 24.1	MAX MIN	78 60	74 58	77 57	73 60	74 59	77 55	78 57	74 57	78 55	77 57	73 56	79 56	80 59	75 61	75 61	71 59	71 58	74 62	76 62	73 61	75 59	75 58	76 59	72 61	75 61	74 60	75 63	75 63	75 62		75.1 59.2		
PAHALA 21	MAX MIN	76 61	78 63	76 61	77 62	76 61	75 61	79 60	77 59	76 57	76 58	76 59	76 61	77 62	74 60	75 64	77 63	76 63	77 63	76 60	76 63	79 63	82 59	78 60	80 59	75 63			76 60	75 62	76 62		76.7 61.0	
PURAO 95.1	MAX MIN	80 65	80 69	82 67	83 66	83 69	82 69	84 60	80 63	83 65	83 63	79 63	80 64	81 66	82 69	83 69	80 70	81 67	82 70	84 70	83 70	82 70	84 71	84 70	84 70	81 71	79 67	83 67	81 71	83 69	84 69		82.0 67.6	
UPOLU POINT USCG 159.2	MAX MIN	81 65	80 67	80 66	79 63	79 65	77 67	78 68	79 64	79 67	80 62	80 62	79 62	72 69	80 65	81 66	77 66	77 66	77 66	79 65	80 67	80 64	79 68	74 67	78 65	73 66	77 64	80 66	80 68	81 68		78.6 65.2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
APRIL 1975

STATION		DAY OF MONTH																															AVERAGE			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
PACIFIC																																				
• • •																																				
EAST OF 180TH MERIDIAN																																				
CANTON ISLAND	MAX MIN	91 76	89 76	89 76	93 76	92 77		92 76	93 76	91 75		92 76	93 76	91 76		92 76	92 76	91 73	92 76	91 75		92 76		89 74	91 75	90 76	90 74	91 75	92 75		92 75	89 75	92 73		91.2 75.4	
JOHNSTON WSO AP	MAX MIN	77 67	80 74	80 75	80 74	80 74	80 74	81 74	80 75	81 74		81 74	81 74	81 74		81 74	81 74	81 74	80 71	80 73		80 72	80 72	80 72	80 71	79 74	81 75	81 75	81 73	82 75	81 74	81 75	81 75		80.4 73.5	
LEONE	MAX MIN	85 78	87 78	88 78	92 83	92 84	91 83	90 83	91 85	91 84		91 83	90 80	89 80		89 82	89 82	89 82	89 82	89 81		88 80	88 78	88 73	88 80	88 82	89 83	90 83	89 85	88 83	87 85	87 78	87 73		89.5 81.0	
FRENCH FRIGATE SHOALS	MAX MIN																																			
MIDWAY SAND ISLAND	MAX MIN																																			
PAGO PAGO WSO AP	MAX MIN	82 73	82 75	83 76	86 75	86 76	86 76	84 76	85 73	86 73		86 80	86 74	87 73		85 80	86 76	86 79	85 77	85 76		86 74	82 75	81 73	85 76	85 74	86 80	86 80	86 74	85 73	87 71	79 71	79 73		84.5 75.2	
SWAINS ISLAND	MAX MIN																																			
• • •																																				
WESTERN PACIFIC ISL. NORTH OF 12 N																																				
ANDERSEN AFB GUAM	MAX MIN	83 76	84 76	83 77	84 77	84 75	81 76	83 74	83 77	83 76		85 76	83 75	84 75		84 76	83 76	87 77	86 78	85 77		82 77	84 78	85 77	85 78	84 76	84 77	82 74	84 77	86 78	84 77	83 77	86 76		83.9 76.5	
CLARK AFB LUZON	MAX MIN	93 75	95 75	88 73	86 72	93 75	97 73	99 75	99 75	97 73		97 75	97 75	97 77		95 77	93 75	93 75	91 73	93 75		91 73	97 73	91 75	93 73	88 73	86 73	90 73	90 75	91 73	86 75	95 75	91 75		92.7 74.3	
GUAM NAS	MAX MIN																																			
GUAM WSO	MAX MIN	86 73	86 73	87 74	87 74	85 72	84 73	86 73	86 73	86 73		86 74	87 70	85 71		85 74	85 72	85 74	85 75	85 70		84 76	86 74	85 75	86 74	86 72	85 73	86 71	85 69	86 73	86 75	88 71	88 69	88 70		85.7 72.7
SAIPAN USCO LORAN	MAX MIN																																			
WAKE WSO AP	MAX MIN	84 68	83 69	84 71	82 71	83 72	82 73	80 70	82 71	84 72		83 73	83 72	83 69		83 70	83 68	84 69	84 72	83 71		84 73	85 73	84 72	85 71	85 71	83 72	84 72	84 73	85 70	83 70	85 73	83 72		83.5 71.0	
• • •																																				
CAROLINE AND MARSHALL ISLANDS																																				
ENIWETOK	MAX MIN																																			
FALALOP I. ULITHI	MAX MIN																																			
KAPINGAMARANGI ATOLL	MAX MIN																																			
KOROR WSO	MAX MIN	87 74	89 75	91 75	88 76	89 77	89 76	89 77	88 77	89 76		89 76	89 78	89 78		89 76	89 75	89 76	87 77	89 77		88 74	86 74	86 75	89 73	84 72	89 75	89 77	88 76	89 75	88 77	89 74		88.2 75.7		
KWAJALEIN WSO AP	MAX MIN	88 78	88 79	88 79	88 79	88 78	88 77	88 78	88 77	88 79		89 79	89 76	87 76		87 75	88 78	89 79	88 76	88 78		88 79	88 79	89 79	88 79	88 79	89 79	86 78	86 77	80 74	86 77	87 79	86 78		87.6 77.9	
LELE I. KUSAIE	MAX MIN																																			
MAJURO WSO AP	MAX MIN	84 78	84 78	85 76	81 74	80 73	85 76	85 77	84 75	84 78		81 75	85 74	85 78		84 76	84 74	83 74	86 78	85 78		85 77	85 76	85 78	83 75	82 74	84 76	84 77	86 77	82 76	85 78	85 79		84.0 76.4		
METALANIM	MAX MIN	85 79	86 81	85 81	84 81	85 82		85 80	86 81	84 82		85 80	85 80	85 82		85 82	85 78	80 76	84 77	84 82		85 82	85 82	85 82	85 82	84 79	84 81	86 75	85 76	85 84	88 80	87 82	86 83		84.9 80.2	
PONAPE WSO	MAX MIN	88 77	89 76	87 78	88 77	89 75	89 74	85 73	87 78	88 76		88 76	89 75	87 78		87 79	82 73	84 73	86 77	87 77		87 78	88 78	87 78	87 77	86 74	85 76	89 74	82 75	89 72	88 73	85 74	89 76		87.1 75.8	
TRUK. MOEN I. WSO AP	MAX MIN	87 78	86 79	87 78	87 78	87 77		87 79	86 76	87 77		87 79	87 76	87 74		87 79	88 79	87 79	86 78	86 76		86 74	86 78	87 79	86 79	87 76	87 76	87 77	82 76	87 77	87 77	88 79	89 79		86.7 77.7	
WOLEAI ATOLL	MAX MIN																																			
YAP WSO AP	MAX MIN	88 74	89 74	89 74	87 74	89 76	88 77	89 73	89 76	89 76		89 76	89 76	90 70		90 77	88 73	87 76	89 72	89 75		87 71	87 74	88 77	87 73	87 76	87 72	88 73	87 74	80 74	83 73	86 72	86 71		87.4 74.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
APRIL 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
ISLAND OF KAUAI																																
LIMUE WSO 1020.1 AP	EVAP	.01	.19	.18	.28	.35	.42	.37	.27	.23	.38	.37	.25	.15	.37	.38	.27	.34	.44	.31	.39	.22	.31	.32	.18	.28	.15	.32	.16	.31	.31	8.51
	WIND	75	202	266	293	260	319	276	174	199	154	-	-	-	-	-	-	-	-	254	299	333	297	287	302	271	228	224	203	198	205	-
	MAX	74	76	77	77	82	79	79	85	81	85	85	80	84	86	85	81	80	76	80	81	79	75	75	74	73	74	81	82	82	84	79.7
	MIN	62	63	62	62	62	61	61	62	62	66	60	61	62	62	63	61	62	61	61	61	61	61	60	61	60	60	61	64	65	64	61.8
ISLAND OF OAHU																																
HONOLULU OBSERV 702.2	EVAP	.08	.20	.28	.25	.30	.30	.27	.18	.22	.30	.23	.19	.28	.23	.34	.32	.21	.33	.33	.37	.36	.35	.25	.15	.25	.27	.30	.30	.30	8.04	
	WIND	79	85	84	86	87	88	85	84	87	89	90	94	85	94	87	90	99	81	88	88	88	87	87	87	86	83	86	85	91	92	87.4
	MIN	59	64	63	61	62	60	62	73	61	69	62	62	63	63	65	64	63	61	67	65	62	62	61	62	63	64	65	66	60	69	63.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
APRIL 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP		EVAP	.10	.23	.35	.33	.27	.35	.37	.40	.35	.34	.32	.35	.43	.32	.36	.39	.40	.22	.45	.44	.44	.24	.28	.40	.38	.37	.39	.39	.38	.35	10.47
	WIND	151	181	228	182	230	232	204	245	212	161	116	120	154	175	224	228	238	278	294	304	306	278	270	245	226	195	218	210	219	221	6545	
	MAX	78	89	87	88	87	87	88	86	88	91	92	90	89	86	86	86	85	85	84	83	83	81	80	87	88	88	87	87	87	86	86.3	
	MIN	67	65	68	65	68	69	68	69	68	68	68	68	67	69	70	69	69	69	69	69	69	69	70	68	69	69	68	69	70	69	68.4	
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO		EVAP	.22	.23	.14	.24	.30	.26	.35	.27	.29	.27	.30	.29	.40	.32	.34	.33	.28	.17	.28	.31	.33	.26	.29	.27	.26	.32	.27	.26	.22	.28	8.35
	WIND	104	139	103	141	192	192	170	184	146	181	190	186	189	191	218	182	176	152	131	152	151	92	136	176	97	126	138	136	102	73	4496	
	MAX	87	86	87	86	85	86	89	87	87	85	87	85	87	83	87	85	85	82	90	88	88	87	87	85	86	90	85	85	86	93	86.6	
	MIN	70	71	70	70	70	70	71	70	69	70	70	70	69	71	70	69	68	71	71	70	70	68	69	69	69	69	70	68	59	69	69.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180				C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALET TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILILIULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALET	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANALET	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANALET	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALET	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALET	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUIHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHIIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
*HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			PUUOHOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI			MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		6A			DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300		8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	8A	7A			DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			LANAI COMPANY
WAIKEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525					BOB MCGRATH
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			LKHEED SP & MSLE DIV
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PARKER 350	7194	01	HANA	1	20 49	156 07	1260		WI			E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			C KAOHOLA RANCH HALEAKALA RANCH CO PIONEER MILL CO LTD ULUPALAKUA RCH CO LTD PIONEER MILL CO LTD WAILUKU SUGAR CO WAILUKU SUGAR CO E MAUI IRR CO LTD EAST MAUI IRRIGATION CO WAILUKU SUGAR CO
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A			
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR			
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S EAST MAUI IRRIGATION CO WAILUKU SUGAR COMPANY HALEAKALA RANCH CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			C W.H. GREENWELL RANCH NAT HISTORICAL PARK HONOKAA SUGAR CO MAUNA KEA SUGAR CO HAWAII NAT PARK KUKAIAU RANCH CO MAUNA KEA OBSERVATORY HAWAII NAT PARK KOHALA CORPORATION REX WILLS II
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			
HAHINA 214	0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A			
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A			
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A			
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A			
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C J NATL WEATHER SERVICE STATE DIV OF FORESTRY CAPT COOK CATTLE CO SID WEINRICH SHIGETO L TANAKA MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY STATE DIV OF FORESTRY HUEHUE RANCH
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040					
HONAUANU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			
HONOHU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A			
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			
KAAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340		7A			C KAU SUGAR COMPANY, INC CAPTAIN COOK COFFEE CO. RUSSELL P. SMITH KONA EXPERIMENT STA HAWAII VOLCANOES NAT PK HAWAIIAN RANCH CO PARKER RANCH HAWAIIAN RANCH COMPANY DEPT OF PUBLIC WORKS HONOKAA SUGAR CO
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700					
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			
KAMAOKA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			C PUNA SUGAR CO KAU SUGAR COMPANY, INC GREENWELL RANCH STATE DIV OF FORESTRY KOHALA DITCH CO LTD STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. KOHALA CORPORATION K. LYMAN BOND HONOKAA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700					
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450					
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280					
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			C STANDARD OIL CO OF CAL KONA VILLAGE RESORT HTL LAUPAHOEHOE SUGAR CO HONOKAA SUGAR CO HONOKAA SUGAR CO ST DEPT OF SOCIAL SER MAUNA LOA OBS. ST DEPT OF SOCIAL SER STATE DEPT OF L&N RES KONA EXPERIMENT STATION
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			
KUKUHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			
KUKUHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI			
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615					
LANIHAI 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650					C STATE DIV OF PARKS PARKER RANCH
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH HAWAIIAN RANCH CO PUNA SUGAR CO KAU SUGAR COMPANY, LTD KONA EXPERIMENT STA KOHALA CORPORATION
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600		M0			
MOUNTAIN VIEW 91	A 6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			
NIULII 179	A 6806	01	N KOHALA	1	20 14	155 45	75		6A			
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY HAWAIIAN RANCH CO INC MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			
PAAUHAW 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A			
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		M0			
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		M0			STATE DIV OF FORESTRY STATE DIVISION OF PARKS ERWIN H. RAPP KUKAIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO MISS JACKIE BENLEHR PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PURAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		M0			
PUU LAHU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		M0			
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		M0			
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		M0			
PUU OO 82	A 8550	02	S HILO	2	19 44	155 23	6340		WI		C	
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO KAHUA RANCH
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKANONOLA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I., KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I., WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- † DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAUI 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

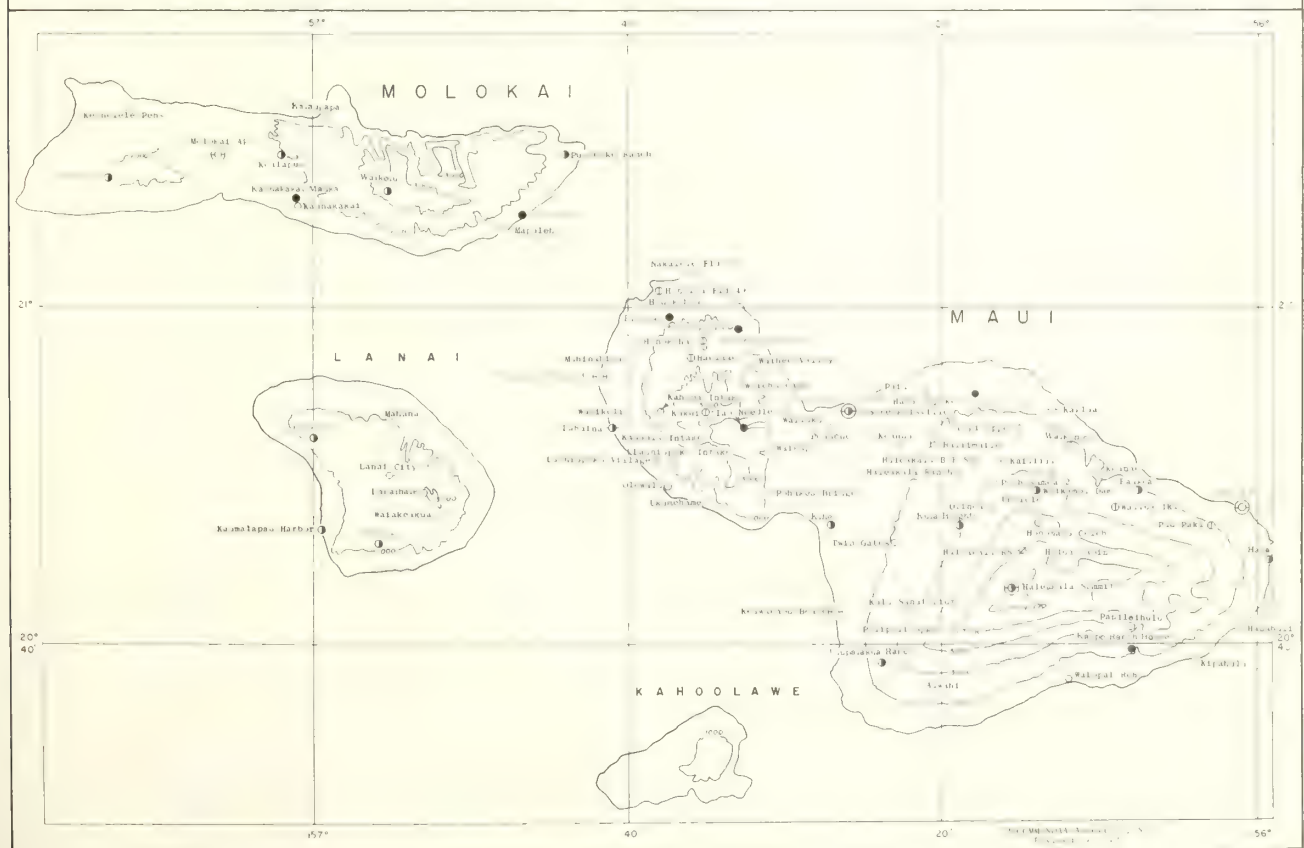
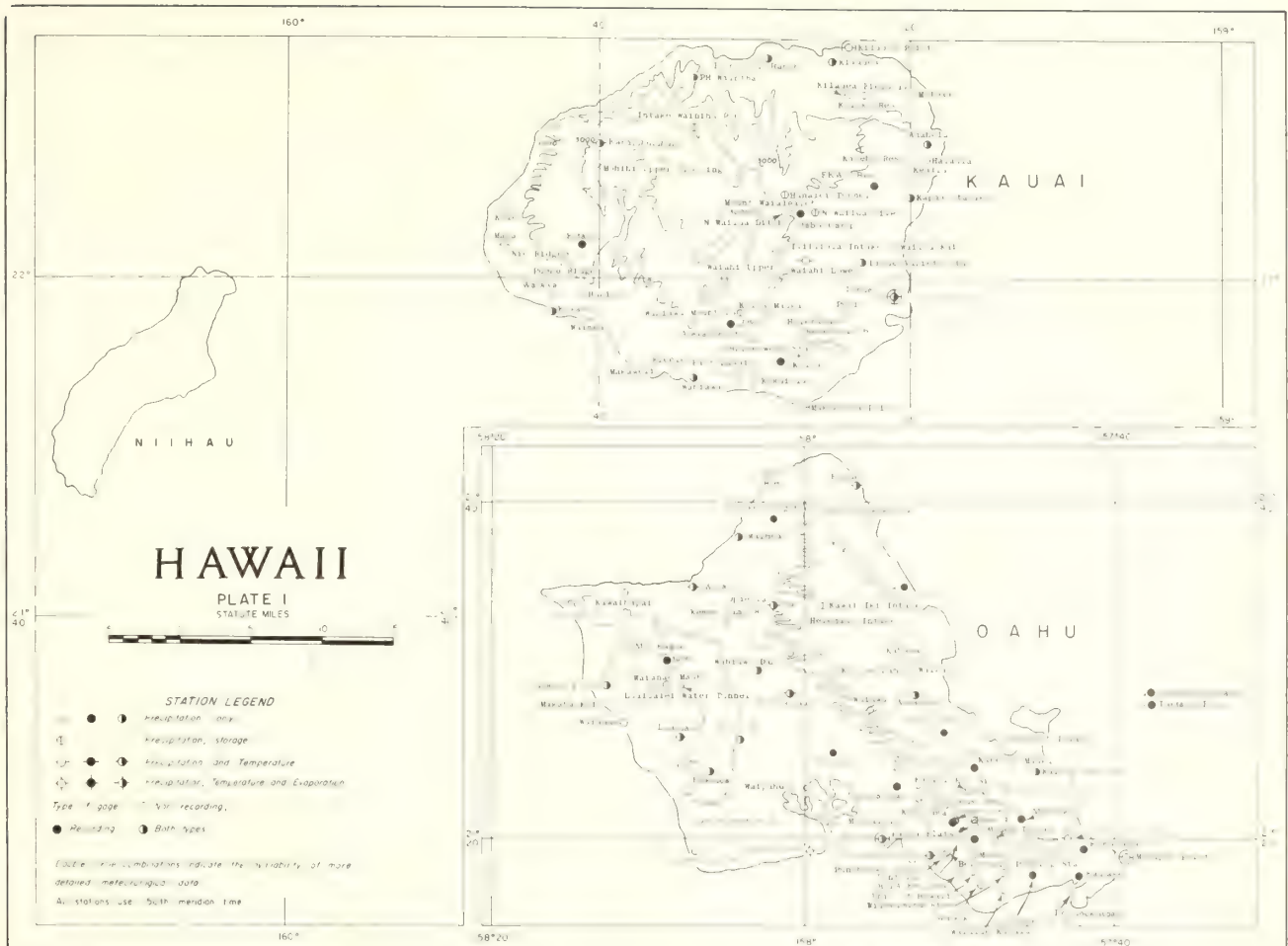
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

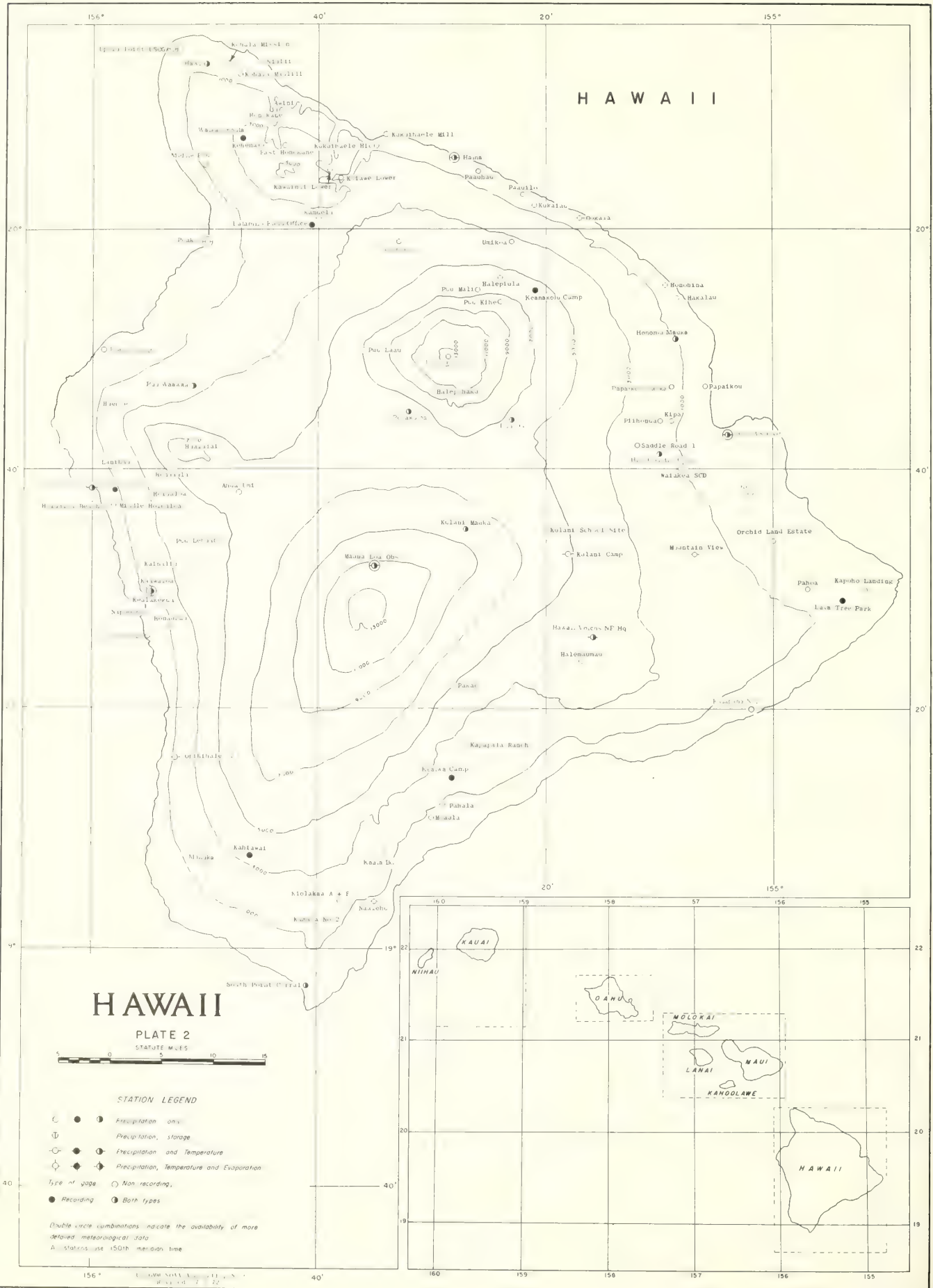
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

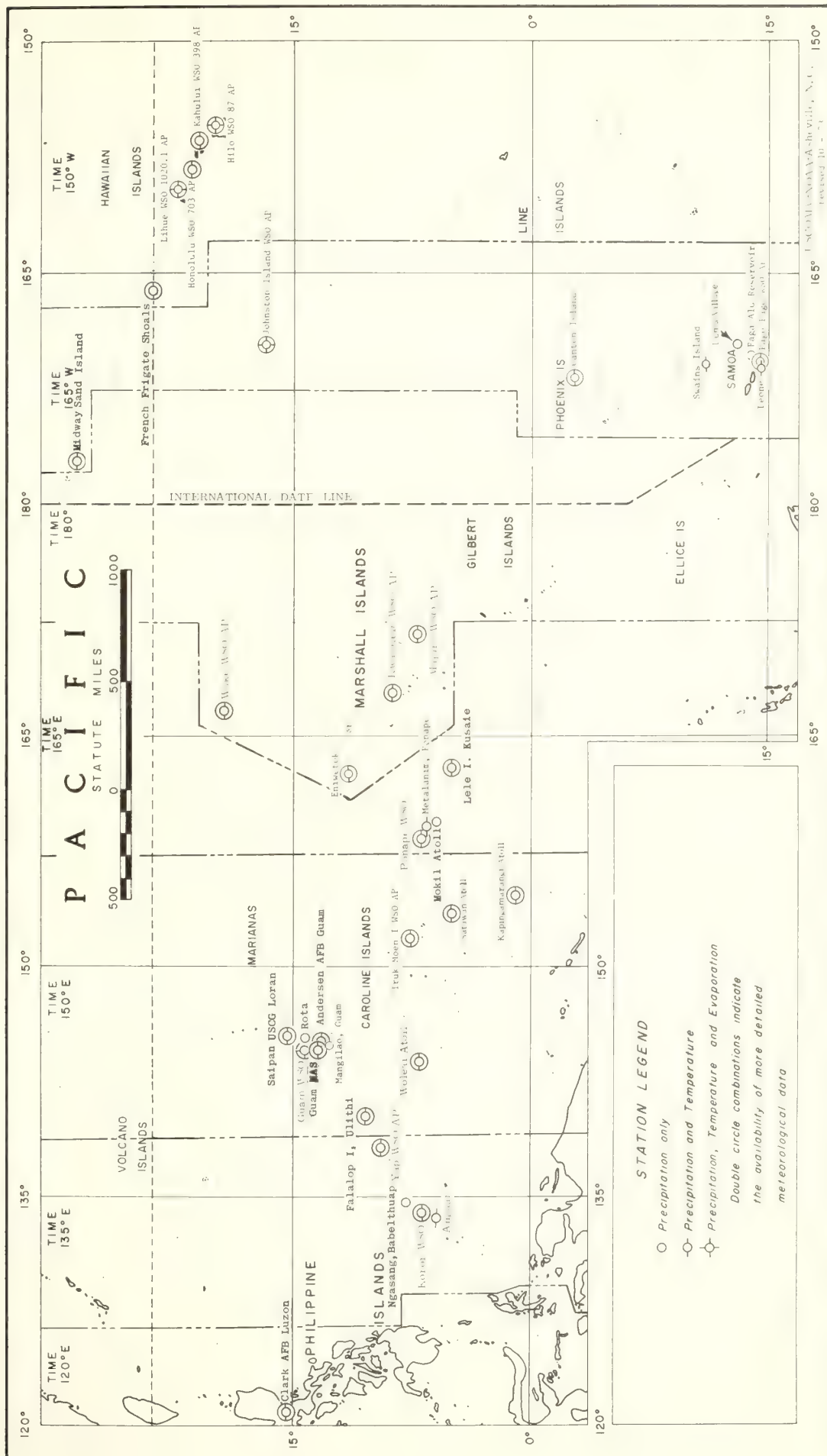
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

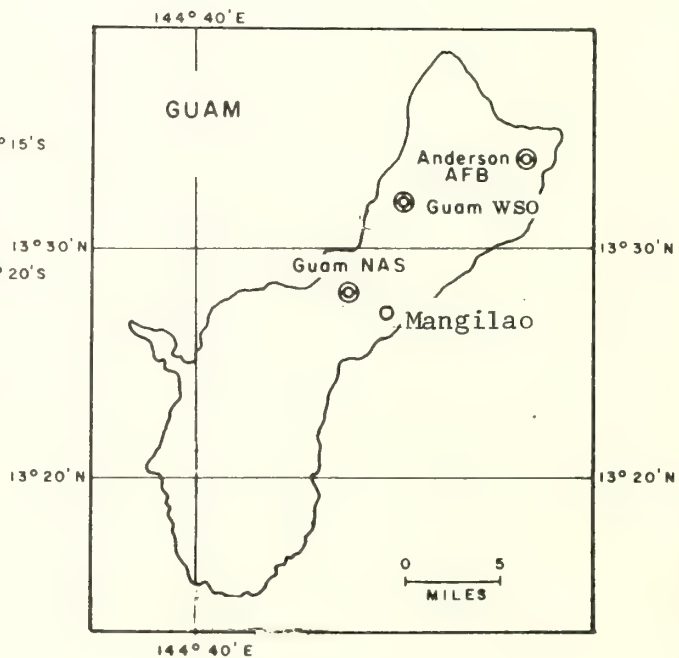
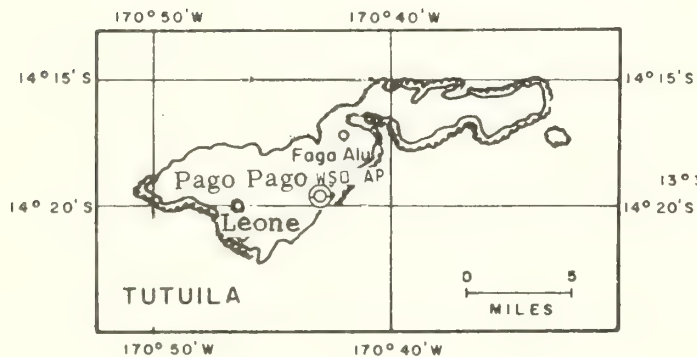
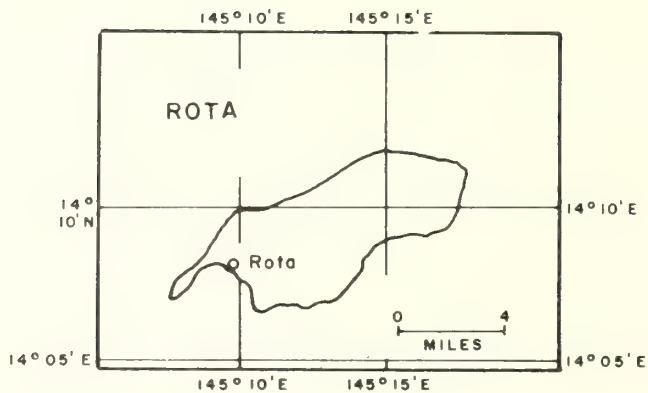
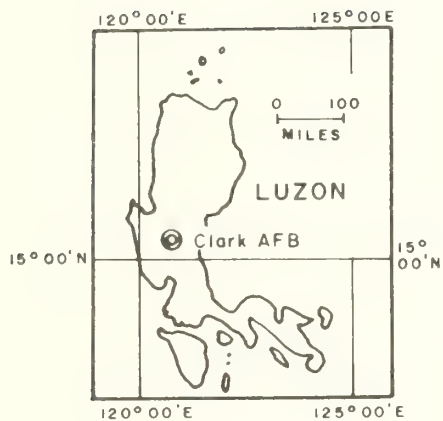
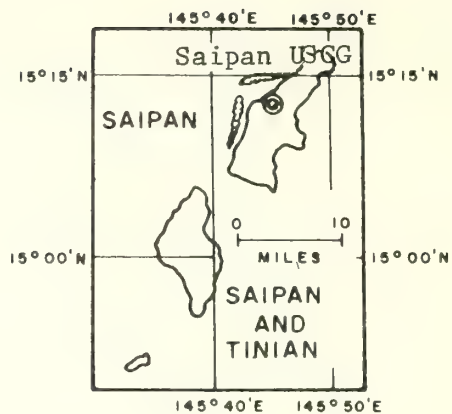
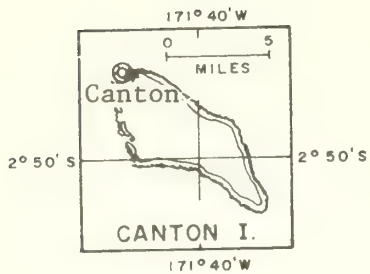
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Hoggard
Director, National Climatic Center
USCOMM-NOAA-ASHEVILLE, N.C. 7/8/75-970

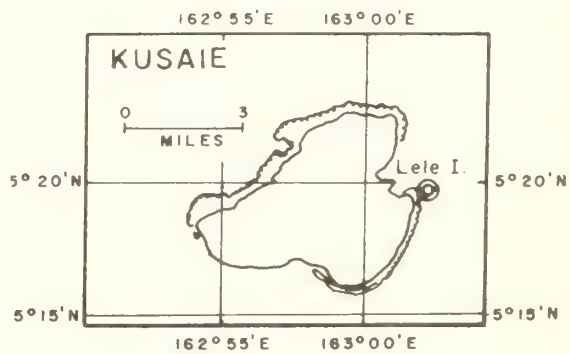
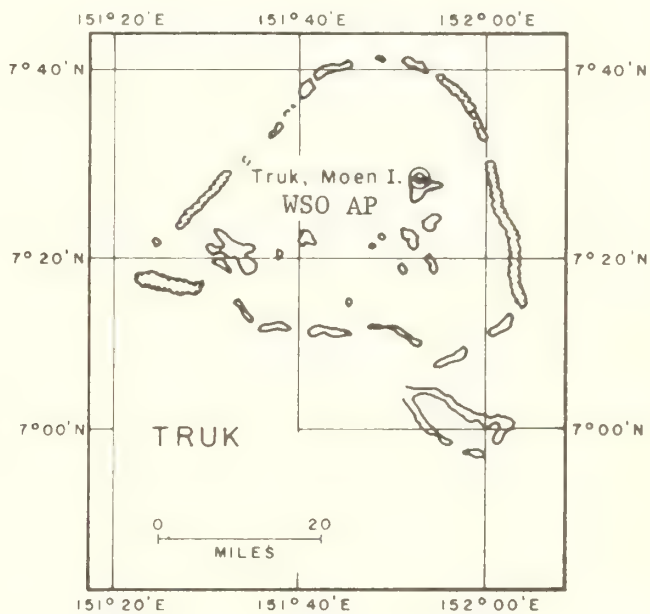
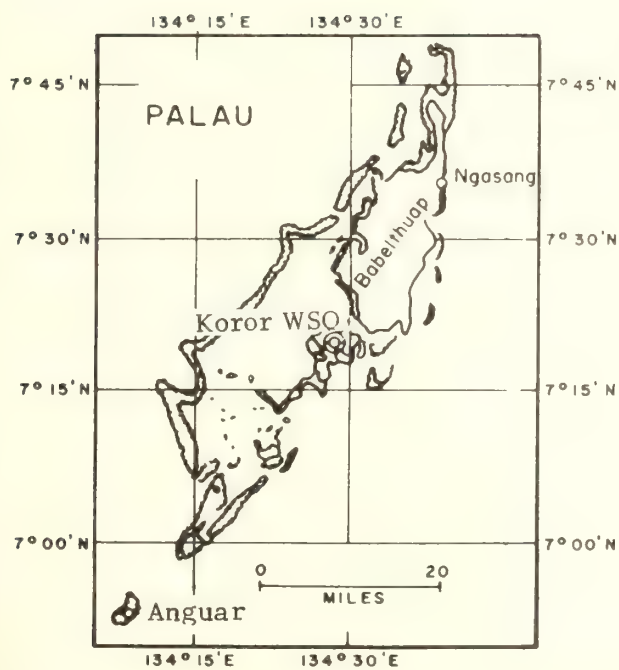
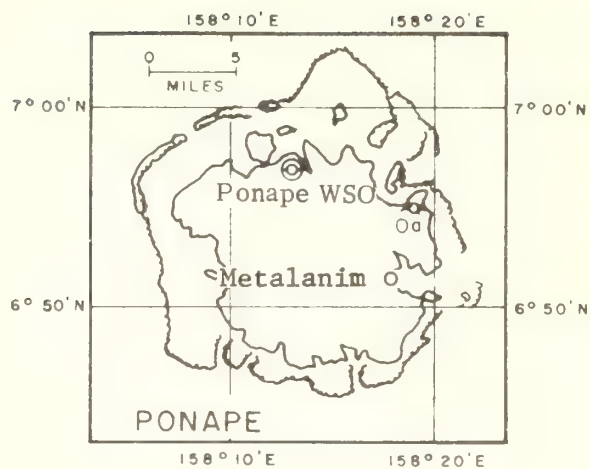
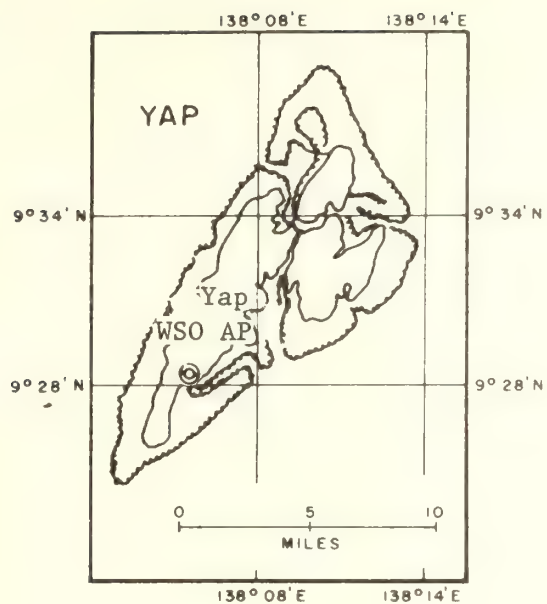




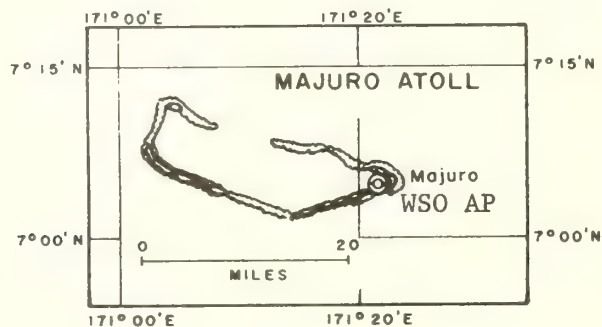
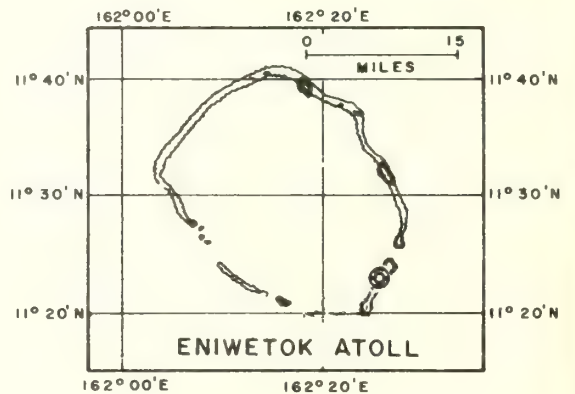
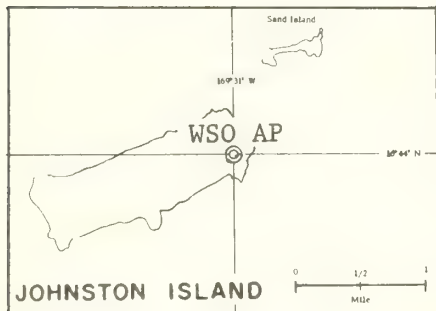
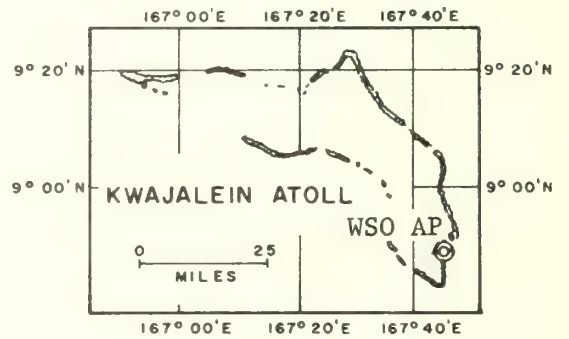
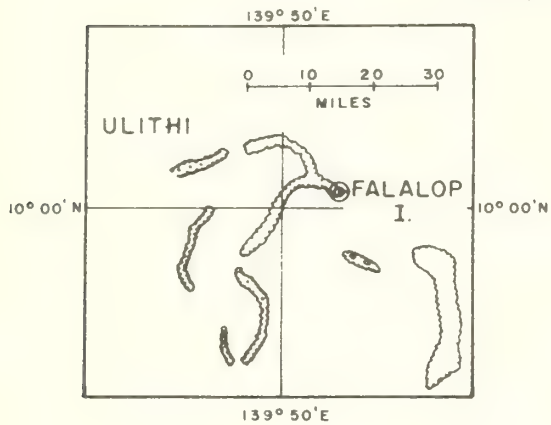
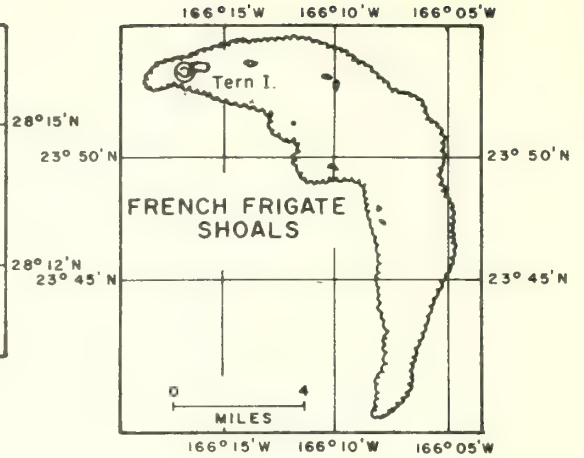
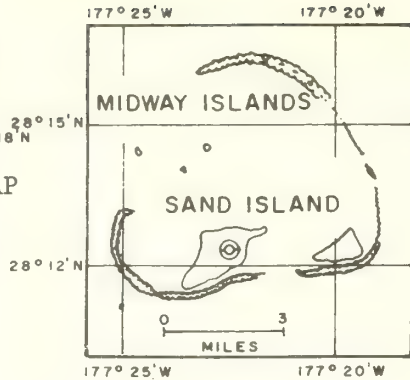
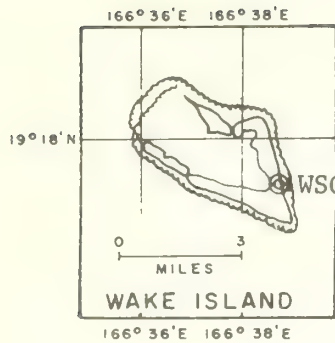




Reef



— Reef



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Climatological Data

HAWAII AND PACIFIC

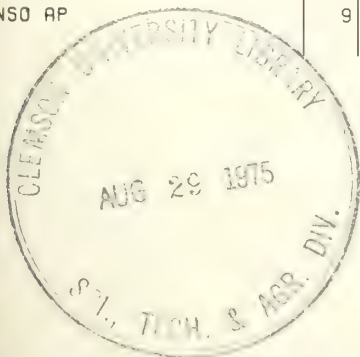
TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	KEAWAKAPU BEACH 260.2	MAUI	88	DATE 20
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	29	DATE 17
GREATEST TOTAL PRECIPITATION:	LANIHAU 68.2	HAWAII	14.66	
LEAST TOTAL PRECIPITATION:	22 STATIONS		.00	
GREATEST 1 DAY PRECIPITATION:	PAUOA FLATS 784	OAHU	2.14	DATE 07

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSO AP	-	-	-	26	SE	25	-	68	67	88	2	8	5	0	0	0	15	87	-
HILO, HAWAII, WSO AP	14	2.0	6.9	19	NE	05	83	73	59	77	5	14	10	0	0	0	29	51	6.9
HONOLULU, OAHU, WSO AP	6	10.2	11.7	25	E	20+	76	68	53	70	14	6	1	0	0	0	21	61	6.4
JOHNSTON ISLAND WSO AP	9	15.9	16.4	32	E	13	76	74	67	73	14	10	1	0	0	0	25	83	6.0
KAHULUI, MAUI, WSO AP	6	11.3	13.2	34	E	02	76	68	52	68	2	3	0	0	0	0	5	75	5.0
KOROR WSO AP	10	5.4	6.9	26	SE	27	89	-	78	77	1	7	11	6	1	0	26	59	8.7
KWAJALEIN WSO AP	7	12.6	12.9	25++	8	24+	84	85	78	81	2	9	10	5	2	0	28	-	8.9
LIHUE, KAUAI, WSO AP	7	10.9	12.0	18	E	19+	77	71	63	74	5	10	1	0	0	0	16	68	6.0
MAJURO WSO AP	8	10.0	10.2	32	E	14	85	84	80	83	2	8	13	2	4	0	29	45	8.7
PAGO PAGO WSO AP	9	13.6	15.5	28	E	30	84	85	77	83	2	10	8	2	3	3	28	35	8.0
PONAPE WSO AP	-	-	-	19	SE	21	86	-	78	79	1	10	6	5	6	2	30	45	8.5
TRUK, MOEN I., WSO AP	6	7.2	8.9	22	E	28	84	-	79	80	1	7	10	4	4	2	28	39	9.7
WAKE WSO AP	9	8.1	11.0	28	E	07	87	88	69	76	4	10	6	1	0	0	21	68	5.6
AP WSO AP	9	7.8	8.3	25	SE	27	87	-	75	76	4	6	10	3	2	1	26	75	6.7



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MAY 1975

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.	MIN.	TOTAL	DEPTH					DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE			
																							90°-99° BELOW	100°-109° BELOW	110°-119° BELOW
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A													.83		.25	13	.0	0						
KANALOHULU 1075		69.2	49.6	59.4		73	25+	44	1	0	0	0	0	.68		.13	19+	.0	0			3	0	0	0
KAPAA STABLES 1104	A													.90		.42	14	.0	0			4	0	0	0
KILAUEA POINT 1133		78.9M	63.0M	74.0M		85	30	66	13	0	0	0	0	.54		.16	14	.0	0			2	0	0	0
KOLOA 936	A													2.42		.40	15+	.0	0						0
LIMUE WSO 1020.1 AP	//R	80.5	70.7	75.6		.1	82	18+	65	10	0	0	0	.67	- 1.76	.43	13	.0	0			1	0	0	0
MANA 1026		84.3	64.0	74.2		.6	87	13	60	8+	0	0	0	.65	- .40	.46	23	.0	0			2	0	0	0
N WAILUA DITCH 1051	A													9.39				.0	0						
PH WAINIMA 1115														1.91	- 7.41	.43	14	.0	0				0	0	0
PUEHU RIDGE 1040														.58	- 1.38	.28	17	.0	0			3	0	0	0
WAHIWA 930	A													.37	- 1.38	.08	7	.0	0			0	0	0	0
WAIHI LOWER 1054		78.6	62.7	70.7			84	30	56	10	0	0	0	4.83	- 3.28	1.07	15	.0	0			11	2	1	1
WAIHEA 947														.00	- 1.05	.00		.0	0			0	0	0	0
ISLAND				70.8										1.83				.0							
ISLAND OF OAHU																									
CHURCH COLLEGE LAIE		82.1	68.8	75.5			84	30+	64	30	0	0	0	1.47		.68	23	.0	0			6	1	0	0
HONOLULU OBSERV 702.2														.22		.07	6+	.0	0			0	0	0	0
HONOLULU WSO 703 AP	R	83.2	68.1	75.7	- 1.2		86	27	63	10	0	0	0	.19	- .77	.10	5	.0	0			1	0	0	0
KANEHE MAUKA 781		79.2	69.4	74.3		.1	82	31+	66	23+	0	0	0	2.15	- 2.63			.0	0						
KOOLA OAH 833	A													8.94		1.58	6	.0	0			15	6	3	
LUALUALEI 804	A																	.0	0						
MANOA LYON ARBORETUM		76.7	64.4	70.6			82	30+	62	30+	0	0	0	10.28		1.69	8	.0	0			17	8	3	
NUUANU RES 4 783														7.06		1.62	7	.0	0			15	5	1	
OPAEULA 870	A	80.0	63.1	71.6	1.6		86	26	59	31+	0	0	0	.71				.0	0				0	0	0
PALOLO VALLEY 718	A													5.82	- 4.05	.98	7	.0	0			15	3	0	
PRI WAIHAWA 820.2	A	80.0	62.6	71.3			86	31	58	30+	0	0	0	.96				.0	0				0	0	0
WAIHAWA DAM 863	A													.71				.0	0				0	0	0
WAIHOLE 837	A													5.08		.71	8	.0	0				0	0	0
WAILAEE 896.3		81.2	68.1	74.7			84	30+	64	11	0	0	0	.93		.19	14	.0	0			5	0	0	0
WAILAUA 847	A	82.5	62.5	72.5	- .8		85	31+	58	9+	0	0	0	.19	- 1.15	.06	25	.0	0				0	0	0
WAIKIKI 717.2		82.9M	64.1M	73.5M			85	31+	59	10	0	0	0	.22		.08	6	.0	0			0	0	0	0
WAIMANALO EXP FARM		80.4	69.0	74.7			83	31+	65	30+	0	0	0	.76		.40	24	.0	0			3	0	0	0
WAIPIHU 750	A													.47		.15	22	.0	0			2	0	0	0
ISLAND				73.4										2.72				.0							
ISLAND OF MOLOKAI																									
KUALAPUU 534	A													.08				.0	0			0	0	0	0
MAUNALOA 511	A													.12				.0	0			0	0	0	0
MOLOKAI AP 524		81.9	67.8	74.9			85	23+	60	30	0	0	0	1		1	26+	.0	0			0	0	0	0
ISLAND				74.9										.07				.0							
ISLAND OF LANAI																									
LANAI CITY 672	A	M	M	M			86	30	59	6	0	0	0	.37	- 2.74	.16	30	.0	0			1	0	0	0
ISLAND				.0										.37				.0							
ISLAND OF MAUI																									
HALEAKALA B E S 434	A	63.3	41.4	52.4	- 1.2		72	19	33	29	0	0	0	.84		.55	8	.0	0			1	1	0	0
HALEAKALA RS 338		80.3	66.7	73.5			83	27	61	10	0	0	0	.37	- 1.95	.10	6	.0	0			1	0	0	0
HANA AIRPORT 355														2.72		.46	7	.0	0			9	0	0	0
HONOKOHUA 493	A													.26		.08	9	.0	0			0	0	0	0
KAAHAPALI AP 453.1		80.6	65.1	72.9			83	25+	62	11	0	0	0	.05		.02	15+	.0	0				0	0	0
KAHULUI WSO 398 AP	M	82.3	63.6	73.0	- 2.4		85	29+	58	10+	0	0	0	.03	- .59	.01	14+	.0	0			0	0	0	0
KAILUA 446		75.3M	63.0M	69.2M	- 1.4		79	30	61	30+	0	0	0	4.16	- 4.84			.0	0						
KEANAE 346	A																	.0	0						
KIPAHULU 258														2.86	- 3.95	.40	8	.0	0			13	0	0	0
KULA SANATORIUM 267		69.7	54.5	62.1	- 1.4		72	20+	52	30+	0	0	0	.50	- 1.70	.16	29	.0	0			2	0	0	0
LAHAINA 361		83.7	65.2	74.5	- .4		86	26+	62	10	0	0	0	.00	- .48	.00		.0	0			0	0	0	0
PAIA 406														.28	- 1.29	.19	8	.0	0						
WAILUKU 386	A	80.0M	66.8M	73.4M	- 1.3		83	30+	63	30	0	0	0		- 1.02			.0	0			1	0	0	0
ISLAND				68.9										.93				.0							
ISLAND OF HAWAII																									
HAWAII VOLCNS NP HQ 54		65.7	49.8	57.7	- 2.7		71	24	46	23+	0	0	0	4.61	- 3.14	.90	6	.0	0			12	3	0	0
HILO WSO 87 AP		81.4	64.7	73.1	- .5		85	28	62	23+	0	0	0	3.01	- 7.06	.37	6	.0	0			10	0	0	0
HUEHUE 92.1														5.83				.0	0						
KAINALU 73.2		72.8	61.1	67.0			76	8	58	10+	0	0	0	9.91				.0	0						
KEAAU 92	A	78.1	62.3	70.2			81	31+	59	10	0	0	0	4.07		.45	6	.0	0			17	0	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MAY 1975

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	-.50 OR MORE	1.00 OR MORE		
											32" OR ABOVE	32" OR BELOW	32" OR ABOVE	32" OR BELOW												
HAWAII											32" OR ABOVE	32" OR BELOW	32" OR ABOVE	32" OR BELOW												
KONA (KAILUA) 68.3	A	79.9M	67.3M	73.6M							0	0	0	0	3.05	- 4.68	.78	20	.0	0			4	1	0	
KUKUIHAELE HIC 199															.90		.22	20	.0	0				0	0	
KULANI CAMP 79		61.9	44.7	53.3		70	23	37	11		0	0	0	0	3.39		.66	5	.0	0			10	2	0	
PAHALA 21	A	77.2M	60.3M	68.8M	- 2.2	80	18	56	13		0	0	0	0	.95				.0	0			0	0	0	
POHAKULOA 107	A														.00		.00		.0	0			0	0	0	
PURKO 95.1	A	81.7	66.8	74.3		85	10	63	28+		0	0	0	0	1.27		.69	29	.0	0			4	1	0	
PUU WAAHAA 94.1	A														2.24				.0	0			1	0	0	
UMIKOA 118															.18	- 3.94	.13	31	.0	0			15	3	0	
WAIKOA SCD 88.2															6.31		1.11	6	.0	0					2	
ISLAND				67.3											3.27				.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MAY 1975

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
											1" OR ABOVE	1" OR BELOW	1/2" OR ABOVE	1/2" OR BELOW										
PACIFIC																								
EAST OF 180TH MERIDIAN																								
	CANTON ISLAND	90.1M	73.8M	82.0M		92	21+	71	19+		0	0	0	0	2.70		.70	6	.0	0			0	4
	FAGA ALO RESERVOIR														17.25		7.10	19	.0	0		11	4	0
R	JOHNSTON WSO AP	81.4	74.8	78.1	-.8	83	30	71	8		0	0	0	0	.73	- 1.49	.43	8	.0	0		1	0	0
	LEONE														18.13		3.06	18	.0	0		21	11	8
	FRENCH FRIGATE SHOALS																		.0	0				
	LUMA VILLAGE														18.59		3.06	19	.0	0		20	11	5
	MIDWAY SAND ISLAND																		.0	0				
R	PAGO PAGO WSO AP	84.5	75.5	80.0	.5	88	9	71	19+		0	0	0	0	17.88	7.19	4.58	3	.0	0		16		6
	SWAINS ISLAND																		.0	0				
WESTERN PACIFIC ISL. NORTH OF 12 N																								
	ANDERSEN AFB GUAM	84.9	77.6	81.3	1.0	86	31+	75	3		0	0	0	0	2.07	- 2.33	.68	21	.0	0		6	1	0
	CLARK AFB LUZON	93.5	74.8	84.2	.0	97	12+	72	31+		30	0	0	0	5.68	- .78	2.23	12	.0	0		6	3	2
	GUAM NAS																		.0	0				
R	GUAM WSO	87.9	70.8	79.4	.0	90	28	65	30		1	0	0	0	1.33	- 3.16	.32	5	.0	0		5	0	0
	MANGILAO														.43		.12	27	.0	0		1		
	ROTA																		.0	0				
	SAIPAN USCG LORAN	89.8	74.7	82.3		91	29+	69	11		23	0	0	0	1.06		.26	20	.0	0		4	0	0
R	WAKE WSO AP	85.8	73.6	79.7	-.1	90	20	69	7		1	0	0	0	2.19	- .06	.60	6	.0	0		7	1	0
CAROLINE AND MARSHALL ISLANDS																								
	ANGUAR														9.82	- .67	1.92	27	.0	0		16	6	3
	ENIWETOK	87.7	79.5	83.6	1.1	90	18	76	22		1	0	0	0	1.52	- 2.84	.75	17	.0	0		3	1	0
	FALALOP I. ULITHI	86.8M	76.2M	81.5M		88	31+	74	31+		0	0	0	0	2.83		.60	3	.0	0		12	1	0
	KAPINGMARANGI ATOLL																		.0	0				
M	KOROR WSO	88.3	76.1	82.2	.2	91	21	74	27		0	0	0	0	9.01	- 5.52	1.72	27	.0	0		18	7	1
R	KWAJALEIN WSO AP	85.9	76.7	81.3	-.5	87	31+	73	24		0	0	0	0	8.17	- 1.54	1.13	24	.0	0		17	7	2
	LELE I. KUSAIE	M	M	M													2.35	7	.0	0		15	6	2
R	MAJURO WSO AP	84.6	76.4	80.5	-.8	86	30+	73	24		0	0	0	0	10.58	- 1.57	1.82	24	.0	0		19	6	4
	METALANIH	85.6	77.9	81.8		88	17+	73	21+		0	0	0	0	21.69		3.50	2	.0	0		25	15	6
	MOKIL ATOLL														5.70	3.20	1.00	2	.0	0		13		1
	NGASANG, BABELTHUAP																		.0	0				
R	PONAPE WSO	87.1	74.5	80.8	.1	89	19+	70	31		0	0	0	0	17.50	- 1.93	2.35	6	.0	0		19	13	
	SATAWAN ATOLL																		.0	0				
R	TRUK, MOEN I. WSO AP	86.5	76.3	81.4	.1	89	31+	73	26+		0	0	0	0	17.91	2.17	4.17	17	.0	0		20	10	6
	WOLEAI ATOLL																		.0	0				
R	YAP WSO AP	87.0	74.3	80.7	- 1.1	89	29	70	4		0	0	0	0	9.09	- .94	2.28	18	.0	0		16	6	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	.83																															
BRYCESBORO STA 085	A	2.57	.01	.01	x	x	.36	.31	.32	.06	.07	x	x	.11	.26	.20	.15	x	x		.03	.02			x	x	x	.07					
EAST LAHAI 934	A	2.30			x	x	.90	.11	.31	.07	.07	x	x	.04	.14	.50	.38	.11	x	x		.13	.03	.07	T	x	x	x	.03				
ELEELE 927	A	.34			x	x	.02	.02	.02	.01				.03	.29	.40	.26	.08	x	x		.14	.03		.02	T	x	x	x	.06		.01	x
HALAULA 1110	A	.93												.15	.25	.25	.11	.02	x	x		.05	.03	.01	.02	T	x	x	x	.05			
HALENAHAW 1005	A	2.88			x	x	.31	.23	.24	.05	.05	x	x	.11	.30	.55	.57	.10	x	x		.22	.04	.09	.07	x	x	x	.02		.03		
HUKIPO 945	A	.00																															
ILILIULA INTAKE 1050	A	8.32	.02	.17	x	x	.45	.51	.95	.27	.05	x	x	.17	.45	1.45	1.17	.45	x	x		1.09	.10	.30	.22	.08	x	x	.14		.04	.14	
INTAKE WAINIHA PC 1086	A	4.08	.06	x	x	x	x	x	1.17	x	.53			.05	1.05	1.10	x	x	x	x		.15	x	x	x	x	x	x	x	x	x	x	
KANALOHUWULU 1075	A	.86			.05		.12					.02	.13	.05	.03	.05	.03					.13	.02		.05								
KANEHA RESERVOIR 1082	A	2.84			x	x	.15	.03	.17	.04		x	x	.25	.20	.45	.55	.25	x	x		.15	.05	.05	.15	x	x	x	.20		.05	.10	
KAPPA STABLES 1104	A	.76			x	x	.03	.03				x	x	.05	.10	.42	.19		x	x		.04	.05	.02		x	x	x	.06				
KEALIA 1112	A	.28												.07																			
KEKAHA 944	A	.14			.02		.06	.06						.20	.10	.09	.14	.02	.17			.27	.09							.04			
KILAUEA 1134	A	1.14												.20	.10	.09	.14	.02	.17			.27	.09										
KILAUEA POINT 1133	A	.54					.02	.09						.01	.05	.16	.05	.02	.11			.03	.01		.15								
KOLO 1033	A	.42			x	x	.12	.18	.40	.04	x	x	.12	.20	.37	.40	.07					.27	.05	.03	.03	.15							
KOLOA 936	A	2.42	.11	x	x	x	.18	.18	x	x	x	x	.12	.20	.37	.40	.07					.27	.05	.03	.03	x	x	x	.24	x	x	x	
KOLOA MAUKA 994	A	3.68	x	x	x	x	.76	x	x	x	x	x	.12	.20	.37	.40	.07					.27	.05	.03	.03	x	x	x	.24	x	x	x	
KOLOA RES 1137	A	.57																															
KUKULUA 935	A	.76			x	x	.05	.05	.06	.02	x	x	.01	.27	.17	.05		x	x		.08												
LIHUE VARIETY STA	A	1.99			x	x	.04	.10	.05			x	x	.09	.37	.46	.25	.04	x	x		.11	.08							.40			
LIHUE 1020	A	.76			x	x	.04	.10	.05			x	x	.01	.43	.24	.09	.04	x	x		.08	.03	.08		x	x	x	.01				
LIHUE HSG 1020.1 AP	✓/A	0.57			.01	T	.01	T	.01	.01	.01	.02	.04	.43	.07	T	.01	T				.02	.02	.03									
MAKAHUNA POINT 940.1	A	1.03			.01	T	.01	T	.01	.01				.07	.29	.14	.05					.02	.02	.02	.06								
MAKAHUEI 985	A	.26			.16	.03		.01						.01	.01				.01														
MAKAHUEI 1026	A	.85										.03		.03			.05	.11															
MAHINI UPR CROSS 1083	A	3.00			x	x	x	x	x	x	x	x	2.60	.20	.10		.05				.04		.05										
MOLOAA 1145	A	.60	.04									x	x	.25	x		.02	x	x		.04		.05										
MOUNT WAIALAE 1047	A	.57																															
NIU RIDGE 1035	A	.58			x	x	.79	.86	1.19	.12	.01	x	.05	.18	.46	.86	.12	.15			1.50	.12	.42	.60	.26	x	x	.05		.02	.16	.03	
N WAIALUA DITCH 1051	A	1.91	.03	.11	x	x	.09	.24	.30	.33	T	x	x	.18	.12	.43	.18	.01	x	x		.03											
N WAIALUA 1115	A	.58			x	x	.15	.10	.15	.14		x	x	.24	.10	.27	.37	.04	x	x		.07	.10	.15									
PRINCEVILLE RANCH 1117	A	.58							.11					.11	.08			.28															
PUEHU RIDGE 1040	A	.58																															
PUEHU 1013	A	.03												.23	.23	.12		x	x		.14	.01	.02	.02	x	x	x	.01		T	.37	x	
WAINIHA 930	A	.37			x	x	.01	.04	.08	T			T	.03	.07	.04	.02	x	x		.05	.01	.02										
WAINIHI LOHEA 1054	A	4.83	.02		x	x	.05	.46	.42	.05	.02	.01	.03	.47	.84	1.07	.10	.41	.08		.20	.08	.12	.13	.05	.14	.05				.02		
WAINIHI UPPER 1052	A	6.57	.02	.03	.03	.05	.02	.84	.60	.15	.03	.01	.13	.02	.38	.85	1.22	.34	.69	.10	.21	.08	.32	.14	.05	.18	.07	.02				.03	
WAINIHA 943	A	.63					.02						.05					.56															
WAILUA KAI 1085	A	1.32			x	x	.03		.03			x	x	.08	.08	.40	.32	.03	x	x		.10	.08	.10	.06								
WAIHEA 947	A	.90												.12	.21	.12	.02	.03	x	x		.15	.03										
WEST LAHAI 931	A	.00					.08		.14	.02				.12	.21	.12	.02	.03	x	x		.15	.03										
ISLAND OF OAHU																																	
BERATANIA PUMPING STA	A	.53		.02		.02	.08	.14	.08	.04	T			.01	.03	.04			.01		.01	.01	.03							.01			
CAMPBELL IND PK 702.5	A	.57					.04											.01															
CAMP 84 807	A	.53	.03	x	x	x	.11	x	x	x	.12	x	x	x	.06			x	x		.05	x	x		.16								
CHURCH COLLEGE LAIE	A	1.47			.03		.17	.04	.15	T				.12	.12	.02	.10	T			.04				.68	T	T						
COBURN ISLAND 840.1	A	.7	.02			.07	.03		.10					.03	.08	.05	.02	.01				.04											
EWA PLANTATION 741	A	.5			x	x	.04	.11				x	x	x	.02			x	x	x	x	.24	x	.08	.03	x	x	x	.14	x	x	.03	
HELEMANU INTAKE 881	A	3.56	.28	x	x	x	.06	x	x	x	x	.28	x	x	x	.56		x	x	x	x	.22	x	.08	x	x	x	x	.51	x	x	x	
HONOLULU 725.2	A	1.07			T	.07	.07											.01	T		T	T	T	T	.02	.04	.01						
HONOLULU OBSERV 702.2	A	.22			.01	.10	.01	T	T	T				.01	.01	.03	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
HONOLULU HSG 703 AP	A	.19	T	T	.02																												
HONOLULU SUBSTA 704	A	.21			.02	.07	.06		.01					.03							.02	.01	.02	.05									
M S P A EXP STA 707	A	.83	T	T	.01		.03	.13	.21	.12	.05	.04			.04	.06	.02				.02	T	.02	.05								.03	
KAHANA POINT 841.3	A	1.70												x	x	.06		x	x	x	4.82	x	x	x	x	x	x	4.00	x	x	x	x	
KAHANA 883	A	12.41	x	x	x	1.08	x	x	x	x	x	x	2.51	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KAHUKU 912	A	.70																															
KAILUA FIRE STA 791.3	A	.70					.31		.05			.16																					

HAWAII AND PACIFIC
MAY 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1975

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KIDILAKA A & F 8	A	4.08																														
KIPA 89.2	A	5.76	.33	.71																												
KOHALA MAULILE 176	A	2.55		.12																												
KOHALA MISSION 175.1	A	1.85	.01	.18	.02																											
KOIAKE LOWER 186	A	3.35		1.20																												
KONA (KAILUA) 88.3	A	3.05																														
KONA VILLAGE 93.8	A	.57																														
KUKIAHU 222	A	.99	.02	.14	.02																											
KUKUHALE NIC 199	A	.90	.01	.01																												
KUKUHALE MILL 206	A	.37		.15																												
KULANI CAMP 79	A	3.39	.05	.36	.20																											
KULANI MAUKA 78	A	.28																														
KULANI SCHOOL SITE 79	A	3.51			1.15																											
LAKIHAU 88.2	A	14.68	.17		.12																											
MAKAHALU 103	A																															
MAUKA 2	A	4.03	.20	.01																												
MAUKA KEA 885 111.2	A	.00																														
MAUKA LSA SLOPE 885	A	.00																														
MIDDLE MAHALA 88.1	A	4.72																														
MIDDLE PEN 147.1	A	1.80																														
MOAULA 18	A	.85																														
MOUNTAIN VIEW 91	A	6.36	.27	.81	.14																											
NAALEHU 14	A	.97	.01	.02																												
NAPAHU 28	A	3.21																														
NIULII 179	A	1.31		.08																												
OKALA 223	A	1.23	.03	.21	.15																											
OPINIALE 2 24.1	A	5.78	.02	.40	.02																											
ORCHID LAND EST 91.5	A	4.88		1.83																												
PAHAHUA 217	A	.20		.07																												
PARULU 221	A	.30		.09																												
PAHALA 21	A	.85		.16	.44	.12																										
PAHA 85	A	5.87	.16	.44	.12																											
PAKA 37	A	1.50																														
PAPAIKOU 144.1	A		.10	.22																												
PAPAIKOU MAUKA 140.1	A		.42	.72																												
PIIHOHUA 89	A	6.80																														
POHAKULOA 107	A	.00																														
PUNAKO 85.1	A	1.27																														
PUU KINE 120	A	.00																														
PUU LAU 102.1	A	.04																														
PUU LEHUA 73	A	2.00																														
PUU MALI 113	A	.00																														
PUU 88 82	A																															
PUU MAHUA 84.1	A	2.24																														
SADDLE ROAD 1 84	A	10.43	2.82																													
SOUTH POINT CORRAL 3	A	.75																														
UMIKOA 118	A	.18																														
UPULU POINT USCG 159.2	A	.65	.15																													
WAIKAKA SCD 88.2	A	6.31	.20	.70	.27																											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
1975

STATION		TOTAL	DAY OF MONTH																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND		2.70	T	.12	.01	*	.06	.70	.14	.38	.08	*	.08						*	.56	.03		.29			*	*	.19	.06				
FRAGA ALU RESERVOIR	R	17.25				T	4.90		.15			.40			1.50		.20		.10	7.10	.30		.40						2.00		.20		
JOHNSTON WSO AP	R	.73	T		T		T	.04	.03	.43	.04	T	T	T	.01	.01	.04				.02	T	.04	T			T	T	.06				
LEONE		18.13	1.05	1.65	.25	1.13	2.06	.73	.25	1.75	.13				.72		.15	.38	.01	3.06	1.60	.05	.10	.06	.20	.03			.20	.12	1.30	.88	.30
FRENCH FRIGATE SHOALS																																	
LUMA VILLAGE		18.59	.92	.79	2.39	.08		.11	.30	.06	.12		.05	.21	.34	1.64	.84	.94	1.88	2.09	3.06	.20	.01		.80			.06	.04	.75	.48	.18	.24
MIDWAY SAND ISLAND																																	
PAGO PAGO WSO AP	R	17.88	1.01	1.30	4.58	.31	.19	.04	.86	.01	2.14	.01		.04	.15	.09	.29	T	1.30	3.76	.03	.01		.04	.07			.51	.08	.40	.10	.10	.30
SHARINS ISLAND																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM		2.07		.26	.42	.21	.02		T	1.53	T		.01		.10	T	.02		.02	.27	.88			.03	T		.02						.01
CLARK AFB LUZON		5.88	T		T	.08	T					.32		2.23	.03		.18			.09			.01	.06	.05				.09		.02	.82	.17
GUAM NAS																																	
GUAM WSO	R	1.33			.26	.21	.32		.03		.01				.13	.02	T			.04	.22		.03	T	.01		.04	.03		.01			
MANGILAO		.43				.02		.07				.02				.09				.08		.03						.12					
ROTA																																	
SAIPAN USCG LORAN		1.06	.01	.05		.07	.02	.02		.10	.06										.26	.23	.01		.01		.02						
WAKE WSO AP	R	2.19	T	.35	.12		.80	.05	.10	.02		.06		.02	.02	.06		.02			.26	.23	.01		.01		.02	.20	.02	.01	T	T	.15
CAROLINE AND MARSHALL ISLANDS																																	
ANQUAR		9.82	.05	.06	.25	.11	.06	.05	.24	.52	1.47	.25	.94	.35	1.40	.10	.35		.12	.37				.05	.08		.28	.80	1.92				
ENIWEK		1.52		.03									.11	.37	.09				.79	.07		.01		.06	.02		.01						
FALALOP I. ULITHI		2.83		.11	.80		.12				.05	.05	.20		.05	.04				.32		.13	.11		.18		.44	.13	.19	.11			
KAPINGMARANGI ATOLL																																	
KOROR WSO	R	9.01	.79	.09		.24	.71	.44	.27	.84	.18	.33	.14	.23	.02	.02	.09		T	.86		.04	.01		.10	.77		.07	.10	1.72	.53	.38	.14
KUJALEIN WSO AP	R	8.17		.67	.40	T	.33	.38	.08	.02	.15	.58	.01	.09	.10	.02	.89	.54	1.04	.33	.90	.13	.15		.04	.16	1.13		.08				
LELE I. KUSAIE			.37	.18	.54	.24	.86	2.35	.50	.12	.62																.01	.62	2.00	.38	.24	.16	
MAJURO WSO AP	R	10.58	.88	.04	.01	.18	1.15	.34	.14	.43	T	.31	.07	1.39	.34	.04	.07	1.10	.86	.17	.19	.15	.20	T	.06	1.82		.01	.62	2.00	.38	.24	.16
METLANIM		21.69	.50	3.50	.78	.30	.84	1.46	.20	.45	.14	1.77			.82	.39	.73	.73	.51	.10	.10	1.90	.45	.25		.18	.60	2.61	.76	.66			1.70
MOEL ATOLL		5.70	.04	1.00	.40	.50	.05	.09	.71	.20	.40	.30	.10	.03	.06	.05	.80	.30	.03	T	T	.04	.10	T	.20	T		.30					
NGASANG-BABELTHUAP																																	
PONAPE WSO	R	17.50	1.66	.10	.04	.06	.88	2.35	1.03	.21	T	2.00		.22	.08	.82	1.16	.87	.04	.42		.03	1.28	.90	.05	.01	.08	.57	1.02	.35	.11	.07	1.27
SATAWA ATOLL																																	
TRUK MOEN I. WSO AP	R	17.91	.12		T	1.04	.07	.35	.11	.25	.15	.09	.05	.98	.30	.75	1.98	.99	4.17		.44	1.24	.01	.14	.09			2.38	1.30	.02	.93	.10	.06
WOLEAI ATOLL																																	
YAP WSO AP	R	9.09	.08	T		.01	.17	.32	.04	.33	.07	.70		.04	.11	1.02		T	.01	2.28	.59	1.08	.12	T	.11	.39	.94	.20	.32	.16	T		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MAY 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
■ ■ ■																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	69 44	69 50	71 51	66 52	68 50	64 52	68 52	70 48	71 48	69 47	70 48	68 51	68 56	78 54	71 51	69 52	70 50	68 47	73 51	71 52	69 53	66 52	70 48	72 47	73 47	71 51	69 45	68 46	69 45	68 47	69 46	69.2 49.6
KILAUEA POINT 1133	MAX MIN	78 69	78 69	78 69	78 70	77 69	77 69	76 68					68	80 66	78 67	78 68	78 70	78 70	80 68	79 69	79 69	77 70	80 70	82 69	82 70	79 70	79 70	80 70	78 68	85 70	80 71	78.9 69.0	
LIHUE WSO 1020.1 AP	MAX MIN	80 72	81 73	79 72	80 72	80 72	80 72	80 71	80 71	80 66	79 65	80 72	81 71	82 69	80 72	81 72	81 73	82 73	81 73	81 73	81 70	81 69	81 69	81 70	81 69	81 73	80 73	81 73	81 73	81 73	81 73	80.5 70.7	
MAKAHUEA POINT 940.1	MAX MIN	81 72	77 71	80 71	76 71	81 73	80 73	79 73	80 72	81 72	82 74	84 75	82 73	81 70	79 70	83 75	80 73	86 71	83 74	80 71	81 72	84 73	85 69	87 69	82 71	84 75	83 74	82 73	87 67	79 71	87 69	81.8 71.9	
MANA 1026	MAX MIN	84 61	82 65	83 63	86 64	83 60	85 64	85 62	85 60	85 63	84 61	83 64	85 61	87 65	85 63	80 65	84 63	82 65	83 64	85 67	85 68	85 66	86 67	83 65	85 66	85 65	85 63	85 68	85 63	85 64	84 65	84 64	84.3 64.0
NIU RIDGE 1035	MAX MIN	80 58	80 61	81 60	81 61	82 57	81 60	80 57	82 56	81 57	80 58	80 59	81 57	82 60	81 60	78 58	80 60	79 61	80 59	81 60	82 63	82 60	81 61	79 60	80 59	81 59	82 59	83 61	81 62	82 60	81 61	82 61	80.8 59.5
WAIKAI LOWER 1054	MAX MIN	78 63	78 65	78 65	79 64	78 63	76 63	76 63	74 58	79 58	78 56	79 63	78 61	78 65	75 64	78 64	77 65	79 64	78 64	79 66	77 65	77 65	77 66	81 63	81 60	81 60	82 60	80 64	80 63	84 60	80 62	78.6 62.7	
■ ■ ■																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX MIN	84 71	82 70	81 69	81 67	80 70	80 66	79 69	81 67	81 69	83 69	83 69	83 72	82 68	81 69	82 68	82 69	82 70	83 69	82 68	83 71	83 68	83 67	83 67	82 66	83 67	83 72	82 66	83 67	84 64	83 67	82.1 68.8	
EWA PLANTATION 741	MAX MIN	84 63	83 63		82 63	80 63	81 64	79 64	82 62				84 58	83 65	84 65	83 65	83 65		85 63	83 67	84 66	83 65				85 62	84 61	84 61	84 62			83.0 63.5	
HONOLULU WSO 703 AP	MAX MIN	82 69	83 69	82 69	84 68	82 68	82 68	82 67	83 68	83 65	83 65	84 68	83 68	83 68	83 68	85 69	85 72	84 72	84 70	84 70	84 71	84 72	77 68	81 65	84 68	84 69	86 69	85 69	82 65	83 65	85 65	83.2 68.1	
HONOLULU SUBSTA 704	MAX MIN	79 69	78 69	78 70	78 70	77 68	77 68	77 68	78 68	79 68	79 65	79 68	78 68	79 68	79 68	80 69	80 70	79 70	78 70	78 68	78 68	79 68	79 69	80 71	81 71	80 71	79 68	81 70	81 68	81 70	78.8 68.7		
KANEHE MAUKA 781	MAX MIN	79 69	79 70	76 70	77 68	76 69	76 69	78 70	76 66	80 66	79 66	80 68	80 68	80 66	80 71	79 66	78 69	77 72	80 72	81 72	81 70	79 69	78 66	79 67	77 73	82 73	82 73	80 71	82 69	82 70	82 70	79.2 69.4	
LUALUALEI 804	MAX MIN																																
MANOA LYON ARBORETUM	MAX MIN	79 64	75 65	74 65	77 64	76 63	73 63	71 63	72 63	77 63	77 64	77 65	78 65	75 64	76 64	75 65	75 66	77 64	79 64	79 67	77 67	77 65	72 65	77 64	75 63	82 66	77 66	79 66	78 65	80 65	82 65	81 65	76.7 64.4
OPAEULA 870	MAX MIN	84 63	84 62	74 64	84 61	84 62	85 63	85 61	85 63	85 64	75 59	80 62	80 61	80 62	79 63	79 61	77 62	78 63	79 64	79 67	75 63	79 65	79 66	76 63	76 67	86 65	78 65	77 67	79 65	85 65	78 59	80.0 63.1	
PRI WAIHAWA 820.2	MAX MIN	80 63	80 65	75 64	77 64	78 63	77 63	78 62	74 60	79 60	80 59	79 60	82 64	80 64	80 64	80 63	81 62	82 66	82 61	81 67	80 65	81 66	82 64	82 62	81 62	81 62	82 62	81 62	84 62	80 65	86 65	80.0 62.6	
WAIALEE 896.3	MAX MIN	81 68	81 71	80 68	80 67	80 68	79 66	79 66	80 68	79 66	80 67	80 65	81 65	81 67	79 67	80 67	82 68	80 70	81 71	82 69	82 67	82 70	83 72	82 70	84 69	84 69	81 67	82 69	82 67	83 67	84 67	83 69	81.2 68.1
WAIALUA 847	MAX MIN	84 62	82 63	81 65	80 63	80 66	79 62	80 61	79 58	80 58	82 60	82 59	85 62	83 63	83 63	81 65	82 66	84 64	84 66	83 64	82 64	82 64	81 64	85 64	84 66	83 64	85 63	84 60	83 63	85 60	84 62	82.5 62.5	
WAIKIKI 717.2	MAX MIN	84 64	82 66	83 66	81 63	82 64	81 64	82 65	81 63	82 63	82 59	82 60	83 64	83 64	83 64	84 67	82 64	84 58		85 68	83 65	84 66	84 67	84 66	84 64	84 63	84 63	84 66	84 63	83 60	85 60	82.9 64.1	
WAIMANALO EXP FARM	MAX MIN	80 70	80 70	80 71	79 70	78 70	78 68	79 67	77 69	80 69	80 65	81 68	81 68	81 68	80 69	81 70	81 69	82 71	81 71	80 69	80 70	82 68	78 67	80 69	82 70	82 70	81 69	82 70	83 65	83 70	80.4 69.0		
■ ■ ■																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN	84 64	81 61	74 62	82 65	80 66	82 67	79 67	81 66	80 72	80 70	81 64	84 66	83 72	83 72	84 74	82 64	78 62	83 72	85 71	83 71	85 72	85 74	85 67	78 61	81 73	82 65	84 72	83 73	84 72	82 64	81.9 67.8	
■ ■ ■																																	
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN	78 59	74 60	77 58	78 58	79 60	77 55	77 60	72 60	77 61	76 56	76 57	77 58	79 59	78 58	75 60	78 59	78 61	79 61	78 63	79 62	75 58	79 60	76 60	75 61	78 60	80 59	77 58	76 60	78 59	77 62	77 62	77.1 59.4
LANAI CITY 672	MAX MIN	72 61	75 62		74 62	72 59	73 62	69 63	71 62		74 63			72 62	72 61	73 62	76 62			76 64	76 60		76 63				76 62	74 61	81 64	86 61	86 60		
■ ■ ■																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	70 48	68 39	59 35	56 38	55 37	53 35	54 36	57 37	59 38	62 41	68 46	64 43	64 43	67 45	62 40	63 43	65 46	69 46	72 55	71 50	70 44	66 43	69 42	59 39	60 37	64 48	69 41	65 37	60 33	58 38	65 41	63.3 41.4
HALEAKALA SUMMIT 338.4	MAX MIN	56 42	58 46		58 35	51 35	51 33	48 36	55 36	59 39	60 38	62 38	56 40	52 38					58 40	58 43	60 43	65 46	65 45				64 36	57 44	63 45	67 45			
HANA AIRPORT 355	MAX MIN	80 69	80 68	80 70	80 65	78 65	79 65	78 66	77 66	77 63	78 61	82 65	80 65	80 65	80 67	80 69	80 68	81 69	80 70	82 68	80 66	79 67	82 67	82 67	82 67	81 69	83 68	82 66	81 67	82 64	82 67	80.3 66.7	
KAAHAPALI AP 453.1	MAX MIN	81 65	80 68	81 68	81 64	80 67	79 63	80 65	78 65	79 64	80 63	82 63	81 66	82 66	80 65	80 67	80 67	81 67	81 65	80 65	80 65	81 67	82 65	82 63	83 66	81 65	80 65	80 65	81 65	80 64	80 68	80.6 65.1	
KAHULUI WSO 398 AP	MAX MIN	85 62	84 67	84 64	81 64	81 67	81 63	81 69	80 67	80 67	80 65	83 62	81 65	82 63	82 63	83 65	82 63	83 65	82 63	83 65	84 65	85 65	84 61	82 61	82 61	81 65	82 62	83 62	82 60	85 62	83 61	82.3 63.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MAY 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX MIN	74 65	75 63		73 62	71 62	72 63	72 63	72 62			76 61	77 64	78 63	75 65	78 64				77 65	76 65	75 63	74 64	76 62		78 61	77 63	75 62	76 62	79 61		75.3 63.0	
KEAWAKAPU BEACH 260.2	MAX MIN	86 61	84 62	84 61	83 62	83 60	83 60	87 58	84 60	80 60	84 59	83 60	83 62	83 63	84 60	83 65	86 64	85 67	85 68	88 64	86 63	86 63	87 63	87 63	86 66	84 64	85 62	83 61	87 67	85 63	84 63	84.6 62.7	
KULA SANATORIUM 267	MAX MIN	70 53	68 53	72 54	69 55	69 54	70 54	67 53	69 54	70 55	72 53	68 53	68 53	69 54	71 52	71 53	72 54	71 55	72 56	72 57	69 55	69 56	68 57	71 55	71 56	68 57	67 54	70 55	71 55	70 52	68 53	69.7 54.5	
LAHAINA 361	MAX MIN	82 65	84 64	83 65	84 66	83 66	82 64	83 63	84 64	83 63	83 62	83 65	83 65	82 65	85 65	83 66	83 67	84 66	85 67	83 67	83 65	85 65	85 65	85 65	86 66	86 67	85 65	84 65	84 66	83 65	85 66	83.7 65.2	
WAILUKU 386	MAX MIN	78 67	80 67		82 66	78 67	78 67	77 66			79 65	79 67	78 68	79 67	81 68				82 67	81 69	78 68	82 68	83 65		82 65	81 67	81 69	79 66	83 63		80.0 66.8		
■ ■ ■																																	
ISLAND OF HAWAII																																	
HAWAII VOLCNS NP HQ 54	MAX MIN	62 50	62 50	61 49	61 48	60 49	60 50	59 49	62 49	67 48	66 46	68 49	68 49	68 50	67 48	68 50	70 52	62 52	67 53	64 51	61 51	69 46	71 48	70 51	67 51	66 51	66 47	70 50	70 47	69 51	65.7 49.6		
MILC WSO 87 AP	MAX MIN	82 66	81 65	80 65	75 65	79 64	77 64	77 63	80 62	81 62	83 63	80 65	81 63	79 62	83 63	84 67	84 67	81 67	83 68	81 67	82 67	84 65	84 62	84 63	82 64	82 65	83 65	85 63	84 66	83 66	82 66	81.4 64.7	
KAINALIU 73.2	MAX MIN	75 58	74 60	74 58	71 60	74 59	73 61	76 59	75 60	72 58	72 59	72 60	73 59	74 59	75 62	73 61	73 65	73 64	72 65	72 66	72 62	70 64	72 64	71 61	75 61	75 62	72 61	70 62	70 64	70 62	72.8 61.1		
KAMUELA 192.2	MAX MIN	70 42	70 42	71 42	71 42	70 43	70 43	68 41	67 41	68 42	70 43	69 44	69 44	70 42	74 44	74 42	75 41	75 42	76 42	76 43	76 42	75 44	74 43	74 43	75 44	75 44	75 43	75 44	75 45	75 45	72.5 42.7		
KEAAU 92	MAX MIN	76 63	78 63	78 63	77 61	75 61	76 62	75 61	77 60	77 61	76 59	77 60	80 61	78 61	77 60	80 62	80 64	80 64	78 66	80 65	78 64	78 65	79 60	79 60	80 61	79 64	78 63	78 61	80 64	81 64	78.1 62.3		
KOHALA MISSION 175.1	MAX MIN	76 65	77 63	75 64	77 65	74 64	73 63	75 64	73 63	76 64	77 64	78 63	78 65	77 64	77 65	78 65	78 65	78 65	77 66	78 65	75 65	79 64	79 63	80 63	80 64	79 65	78 64	79 61	82 63	81 61	77.3 64.3		
KONA (KAILUA) 68.3	MAX MIN	81 68	80 68	81 66	81 66	80 66	78 66	80 67	81 68		80 64	79 66	81 68	81 66	81 69				82 70	78 69	78 69	80 69	79 70				81 66	78 66	79 67	78 67	79.9 67.3		
KULANI CAMP 79	MAX MIN	62 47	58 46	55 46	55 41	57 44	56 46	56 44	58 46	61 38	59 48	63 37	63 45	64 46	63 43	61 42	62 45	65 41	68 45	66 44	65 46	60 47	60 48	67 38	67 47	62 48	60 47	65 45	65 48	62 42	64 47	61.9 44.7	
MAUNA LOA SLOPE OBS	MAX MIN	52 33	54 34	54 38	55 37	54 39	51 37	52 36	53 36	54 36	51 34	50 32	48 31	52 33	54 37	49 32	49 29	51 35	54 36	57 36	56 39	54 38	54 36	52 34	53 38	54 39	54 40	56 40	55 38	54 37	54 37	52.9 35.8	
MOUNTAIN VIEW 91	MAX MIN	70 59	71 59	73 57	73 57	69 58	67 56	70 56	72 54	78 55	78 55	78 55	76 56	76 55	75 56	76 57	77 60	77 60	77 60	76 61	72 60	72 60	77 54	81 55	81 55	76 58	75 55	77 55	80 56	79 57	75.3 56.9		
NAALEHU 14	MAX MIN	75 65	76 64		75 64	76 62	74 65	76 64	76 62		78 61	79 61	78 63	77 65	79 65	78 65			80 65	80 67	76 64	75 67	78 62				80 65	76 64	78 63	78 66	77.2 64.1		
OOKALA 223	MAX MIN	75 65	76 63	74 63	79 65	76 63	74 63	77 64	76 64	77 64	77 62	77 67	80 63	78 63	78 65	79 66	78 62	78 63	80 63	80 66	78 65	81 65	79 62	79 62	80 62	80 66	79 65	78 64	79 63	80 64	80 64	78.1 64.2	
OPIHIHALE 2 24.1	MAX MIN	72 57	76 60	71 62	74 59	74 61	73 59	72 53	75 59	73 57	77 58	75 58	77 58	79 57	77 61	78 59	74 60	75 63	75 64	73 63	75 64	76 61	73 62	75 61	78 60	76 61	72 62	73 61	72 62	74 61	76 62	74.7 60.3	
PAHALA 21	MAX MIN	75 60	77 62		77 59	77 60	75 60	77 63	77 57		78 57	78 56	79 57	78 58	78 62	76 62	80 62			76 65	79 61	78 62	74 65	78 59	79 59		77 60	77 60	75 59	77 52	77 62	77.2 60.3	
PURKO 95.1	MAX MIN	84 69	80 67	82 67	80 63	80 67	82 67	83 64	79 65	83 65	85 66	81 63	79 66	83 65	81 65	82 67	84 68	81 69	83 70	83 71	83 72	80 66	81 66	81 68	80 63	83 68	81 67	81 63	80 66	84 65	81.7 66.8		
UPOLU POINT USCG 159.2	MAX MIN	79 64	80 65	78 66	81 67	81 65	76 66	80 68	76 64	77 64	80 65	80 65	80 65	79 66	81 66	81 66	83 68	83 68	83 64	81 70	80 71	80 72	83 66	84 66	83 68	84 60	84 73	83 68	83 64	82 66	82 69	81.0 66.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MAY 1975

STATION		DAY OF MONTH																															AVERAGE										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31											
PACIFIC																																											
• • •																																											
EAST OF 180TH MERIDIAN																																											
CANTON ISLAND	MAX MIN	91 76	89 76	90 75		92 75	92 73	90 73	90 74	92 71		89 73		90 74		91 75	92 74	91 75		90 75		90 75		90 74	87 72	89 72	90 74			90 72	88 72	90 75	90 74	90 74	90.1 73.8								
JOHNSTON WSO AP	MAX MIN	82 74	82 76	81 74	82 74	81 76	81 75	81 73	80 71	80 74		82 75	81 74	81 76		81 74	81 74	81 73		81 75	81 75	81 76		81 76	82 74	82 74	81 77		81 76	82 76	81 77	82 73	82 75	81 76	82 76	81.4 74.8							
LEONE	MAX MIN																																										
FRENCH FRIGATE SHOALS	MAX MIN																																										
MIDWAY SAND ISLAND	MAX MIN																																										
PAGO PAGO WSO AP	MAX MIN	85 71	83 72	82 73		86 74	85 74	86 79		85 72	86 73	88 75		87 75	87 73	87 79		86 77	87 77	84 75		87 79	86 73	80 71		82 71	81 76	82 78		82 77	82 78	81 79	81 76	84 76	84 76	85 77	84 76	84 78	83 79	84.5 75.5			
SWAINS ISLAND	MAX MIN																																										
• • •																																											
WESTERN PACIFIC ISL. NORTH OF 12 N																																											
ANDERSEN AFB GUAM	MAX MIN	85 76	84 76	83 75		84 77	84 78	85 78		85 78	85 78	85 78		86 78	85 76	86 79		85 79	84 78	85 77		86 77	86 78	86 79		83 77	84 77	84 78		85 78	86 77	84 79	85 77	84 78	86 78	85 79	85 78	86 77	86 78	84.9 77.6			
CLARK AFB LUZON	MAX MIN	95 75	93 75	97 75		93 77	95 75	97 73		95 73	97 73	97 77		93 77	97 77	97 75		95 73	93 77	93 75		93 75	93 75	93 75		93 75	91 77		93 75	93 73	91 73	90 75	93 75	95 75	88 75	91 75	90 73	90 72	93.5 74.8				
GUAM NAS	MAX MIN																																										
GUAM WSO	MAX MIN	88 66	88 66	88 72		87 74	87 72	86 74		87 74	87 72	87 76		87 74	88 69	89 71		89 72	89 67	87 69		88 71	88 71	89 73		89 71	89 73	85 72		88 70	89 66	89 74	88 70	89 74	89 73	90 71	88 71	89 68	89 68	87.9 70.8			
SAIPAN USCG LORAN	MAX MIN	89 73	88 75	89 73		90 75	89 72	90 76		89 74	90 74	90 76		90 74	90 69	90 79		90 73	90 72	90 73		90 77	91 76	91 79		91 74	90 77	88 77		89 76	89 72	90 78	90 77	90 78	91 78	90 74	91 71	90 72	90 71	89.8 74.7			
WAKE WSO AP	MAX MIN	85 73	80 70	84 71		84 72	83 73	85 71		79 69	85 73	84 72		85 71	85 74	88 74		87 73	86 72	86 75		88 75	87 74	87 75		89 76	90 76	85 75		87 76	87 73	88 76	88 76	87 72	85 73	86 76	86 76	89 75	85 75	85.8 74.6			
• • •																																											
CAROLINE AND MARSHALL ISLANDS																																											
ENIWETOK	MAX MIN	86 78	87 83	85 83		88 80	87 80	86 80		88 80	88 80	86 80		89 79	89 78	85 83		88 80	88 80	85 80		87 79	89 77	90 79		88 80	89 79	88 80		88 77	89 80	88 79	89 80	89 77	87 80	89 78	89 80	88 78	89 78	87.7 79.5			
FALALOP I., ULITHI	MAX MIN	86 75	86 74	86 76		86 77	87 76	87 76		87 75	86 76	86 75		86 74	86 78	86 78		87 79	87 76	87 79		86 78	87 77	88 75		88 77	87 76	86 79		87 77	88 76	86 79	88 76	88 75	88 75	89 79	87 75	88 78	88 74	86.8 76.2			
KAPINGAMARANGI ATOLL	MAX MIN																																										
KOROR WSO	MAX MIN	88 77	88 76	90 76		89 76	88 75	89 76		89 76	84 75	88 75		86 76	89 77	88 76		86 76	89 77	89 77		90 76	90 77	87 76		88 76	90 77	91 76		88 77	89 76	89 76	89 75	88 77	83 74	85 76	87 76	90 76	90 76	88.3 76.1			
KWAJALEIN WSO AP	MAX MIN	86 79	85 75	85 74		87 76	85 76	84 75		85 78	86 77	87 77		85 74	87 78	87 78		86 77	86 77	85 74		87 76	84 75	87 77		86 75	87 77	87 77		86 77	87 76	81 78	86 79	87 78	86 79	87 79	87 79	86 79	87 76	85.9 76.7			
LELE I., KUSAIE	MAX MIN	88 77	88 72	87 72		89 75	89 77	87 72		88 70	89 75	87 78		90 75	88 76																												
MAJURO WSO AP	MAX MIN	86 77	86 78	85 78		83 75	84 75	86 77		84 77	83 75	85 78		86 76	84 75	84 75		81 75	82 76	86 77		85 76	85 74	84 76		85 75	85 75	85 79		85 78	86 77	82 73	85 77	83 78	85 78	86 78	85 79	86 76	85 76	84.6 76.4			
METALANIM	MAX MIN	86 82	86 76	85 77		85 79	86 79	83 73		82 73	88 73	86 80		87 83	85 73	88 77		88 78	88 78	86 75		86 75	88 77	83 73		86 78	86 81	82 73		85 74	86 82	82 73	85 74	86 82	86 81	85 79	86 83	87 76	83 76	85 82	85 82	85.6 77.9	
PONAPE WSO	MAX MIN	87 72	89 71	88 74		88 78	82 74	81 74		88 75	88 75	89 79		85 74	88 71	89 74		88 77	89 75	89 74		88 73	89 73	88 75		89 75	87 73	85 72		88 76	88 79	89 78	87 77	89 72	83 72	87 72	87 79	88 72	88 70	87.1 74.5			
TRUK, MOEN I. WSO AP	MAX MIN	84 76	87 75	88 79		83 74	85 75	87 78		87 79	88 76	87 77		86 79	88 78	86 76		87 78	87 75	81 73		88 75	87 73	88 77		88 75	84 74	86 78		88 77	88 78	89 79	83 73	84 73	87 79	86 74	87 78	88 78	89 76	85.5 76.3			
MOLEAI ATOLL	MAX MIN																																										
YAP WSO AP	MAX MIN	86 75	86 74	87 72		87 70	87 75	85 74		87 75	88 74	87 75		86 75	87 76	87 75		87 77	87 74	88 73		87 75	88 78	86 74		86 73	87 75	87 72		87 73	87 72	88 75	86 74	88 74	84 75	85 76	88 76	84 78	85 76	89 76	88 74	88 72	87.0 74.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MAY 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																			
ISLAND OF KAUAI																																			
LIMUE WSO 1020.1 AP		EVAP	.42	.40	.44	.38	.32	.43	.33	.32	.45	.17	.37	.25	.46	.29	.33	.22	.24	.38	.36	.41	.38	.29	.30	.25	.30	.30	.40	.41	.41	.32	.27	10.60	
		WIND	189	223	250	244	214	254	256	224	200	104	134	172	170	224	219	230	192	197	230	247	242	165	103	82	149	179	193	162	129	89	146	581.2	
		MAX	84	83	81	81	82	82	80	81	78	79	72	76	85	83	82	84	84	87	85	83	81	85	87	88	88	87	85	86	87	88	78	83.0	
		MIN	62	62	62	62	62	63	62	61	60	60	64	64	59	63	63	64	64	64	65	62	63	64	64	62	63	63	64	64	61	62	55	62.7	
ISLAND OF OAHU																																			
HONOLULU OBSERV 702.2		EVAP	.30	.25	.30	.29	.25	.22	.36	.30	.30	.37	.25	.27	.35	.37	.30	.30	.16	.28	.45	.45	.45	.17	.19	.16	.30	.39	.30	.45	.30	.19	.39	9.41	
		WIND	36	37	39	35	32	33	41	40	35	30	30	35	34	35	30	35	25	33	37	47	47	41	32	28	21	27	29	27	31	34	38	33	104.0
		MAX	86	86	85	84	83	88	83	80	85	90	92	88	90	91	88	88	83	87	84	89	87	87	86	81	90	88	86	85	81	97	96	86.9	
		MIN	65	65	62	62	64	63	62	62	61	60	61	61	64	65	65	65	64	65	65	65	65	66	66	64	64	64	62	64	63	63	63	63.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MAY 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
■ ■ ■ EAST OF 180TH MERIDIAN																																		
JOHNSTON WSO AP		EVAP	.36	.39	.42	.35	.43	.42	.42	.39	.39	.33	.41	.36	.39	.45	.36	.40	.33	.38	.39	.40	.41	.31	.38	.42	.47	.39	.33	.24	.37	.39	.46	11.94
	WIND	261	278	229	237	214	229	228	226	203	245	208	240	237	276	231	212	182	207	217	228	211	173	196	236	244	194	160	134	162	196	250	6744	
	MAX	89	86	86	92	86	86	86	84	86	86	86	83	84	84	88	87	87	88	87	86	88	90	89	87	85	87	85	86	88	88	85	86.6	
	MIN	64	70	68	68	69	69	69	69	68	69	69	69	68	67	68	68	68	68	69	70	70	70	69	69	69	68	68	69	69	68	68	70	68.5
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																		
GUAM WSO		EVAP	.28	.28	.26	.35	.25	.24	.24	.26	.27	.32	.32	.25	.25	.33	.34	.34	.37	.38	.30	.25	.05	.28	.26	.37	.30	.36	.30	.34	.31	.23	.33	9.01
	WIND	53	72	90	123	119	113	111	113	152	127	91	81	109	73	98	110	129	168	105	89	62	93	83	144	124	144	133	99	93	83	107	3291	
	MAX	90	91	90	89	88	90	88	88	88	89	92	90	91	91	89	90	91	91	88	88	88	84	89	90	88	87	89	89	91	88	87	88	89.1
	MIN	68	69	70	71	70	70	71	69	70	70	69	69	70	69	68	70	69	69	71	67	71	71	69	67	70	68	69	70	70	69	67	70	69.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAW	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYODESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAW	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAW	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAW	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMER	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILILIULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050	VAR				LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690	WI				MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMER	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAW	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAW	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAW	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMER	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMER	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMER	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAW	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMER	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMER	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMER	3	22 07	159 36	3500	MID			S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAW	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIMER	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMER	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KI HUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8165	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMER	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMER	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMER 947	9629	03	WAIMER	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220	VAR			C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULO	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOME MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKANA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKANA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPIAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS PUUOHOKU RANCH MOLOKAI RANCH
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300		8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620		7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCGRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030		8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULULU WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUAAULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KRAPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAP			KAONOULU RANCH HALEAKALA RANCH CO PIONEER MILL CO LTD ULUPALAKUA RCH CO LTD PIONEER MILL CO LTD WAILUKU SUGAR CO WAILUKU SUGAR CO E MAUI IRR CO LTD EAST MAUI IRRIGATION CO WAILUKU SUGAR CO
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			
WAIIEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S EAST MAUI IRRIGATION CO WAILUKU SUGAR COMPANY HALEAKALA RANCH CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH NAT HISTORICAL PARK HONOKAA SUGAR CO MAUNA KEA SUGAR CO HAWAII NAT PARK KUKAIAU RANCH CO MAUNA KEA OBSERVATORY HAWAII NAT PARK KOHALA CORPORATION REX WILLS II
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A		C	
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C	J NATL WEATHER SERVICE STATE DIV OF FORESTRY CAPT COOK CATTLE CO SID WEINRICH SHIGETO L TANAKA MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY STATE DIV OF FORESTRY HUEHUE RANCH
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC CAPTAIN COOK COFFEE CO. RUSSELL P. SMITH KONA EXPERIMENT STA HAWAII VOLCANOES NAT PK HAWAIIAN RANCH CO PARKER RANCH HAWAIIAN RANCH COMPANY DEPT OF PUBLIC WORKS HONOKAA SUGAR CO
KAAWALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			
KAMAOA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO KAU SUGAR COMPANY, INC GREENWELL RANCH STATE DIV OF FORESTRY KOHALA DITCH CO LTD STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. KOHALA CORPORATION K. LYMAN BOND HONOKAA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL KONA VILLAGE RESORT HTL LAUPAHOEHOE SUGAR CO HONOKAA SUGAR CO HONOKAA SUGAR CO ST DEPT OF SOCIAL SER MAUNA LOA OBS. ST DEPT OF SOCIAL SER STATE DEPT OF L&N RES KONA EXPERIMENT STATION
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300				C	
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS PARKER RANCH
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH HAWAIIAN RANCH CO PUNA SUGAR CO KAU SUGAR COMPANY, LTD KONA EXPERIMENT STA KOHALA CORPORATION
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			
MORULA 18	A 6407	03	KAU	3	19 11	155 30	600		MO			
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			
NIULII 179	A 6806	01	N KOHALA	1	20 14	155 45	75		6A			
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY HAWAIIAN RANCH CO INC MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY STATE DIVISION OF PARKS ERWIN H. RAPP KUKAIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO MISS JACKIE BENLEHR PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PURKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			
PUU OO 82	A 8550	02	S HILO	2	19 44	155 23	6340		WI		C	
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO KAHUA RANCH
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN *												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

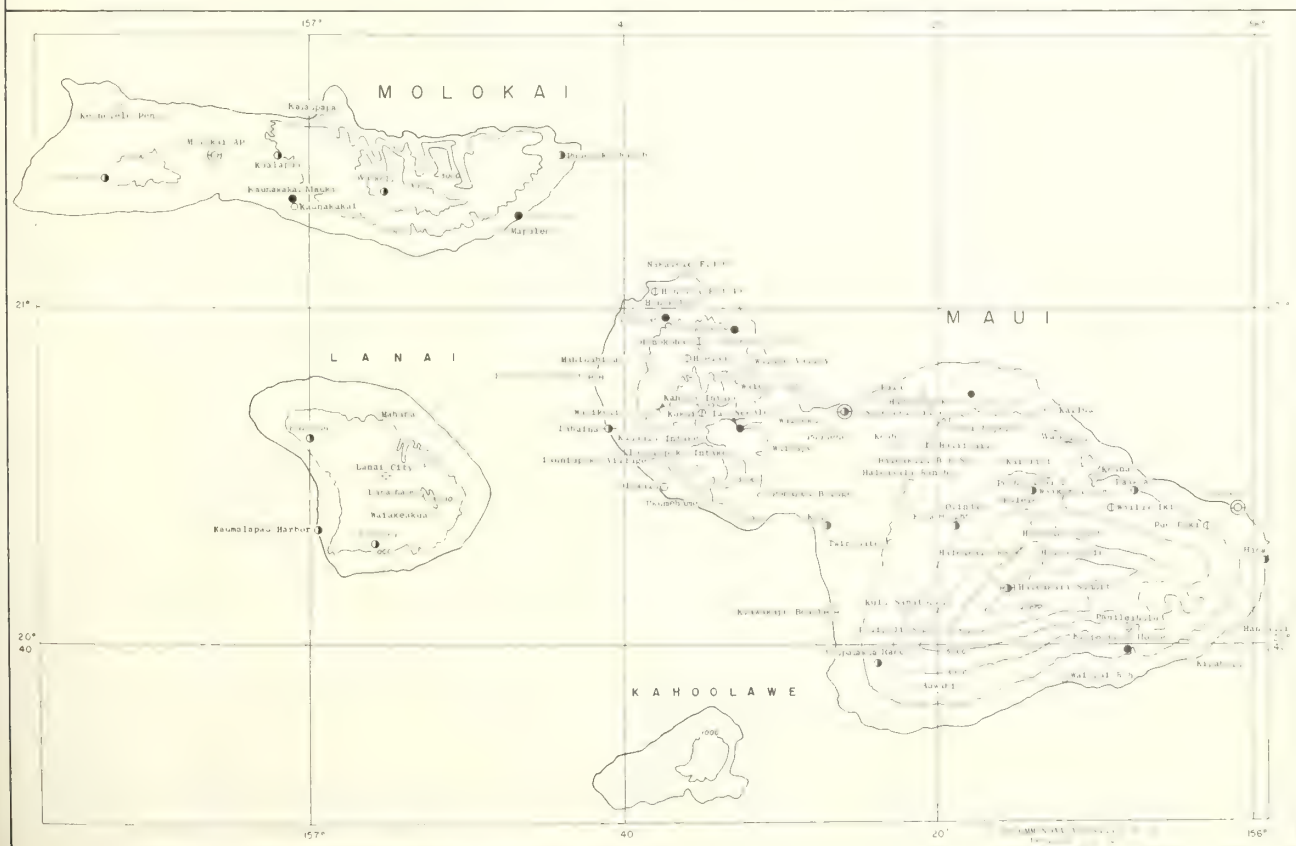
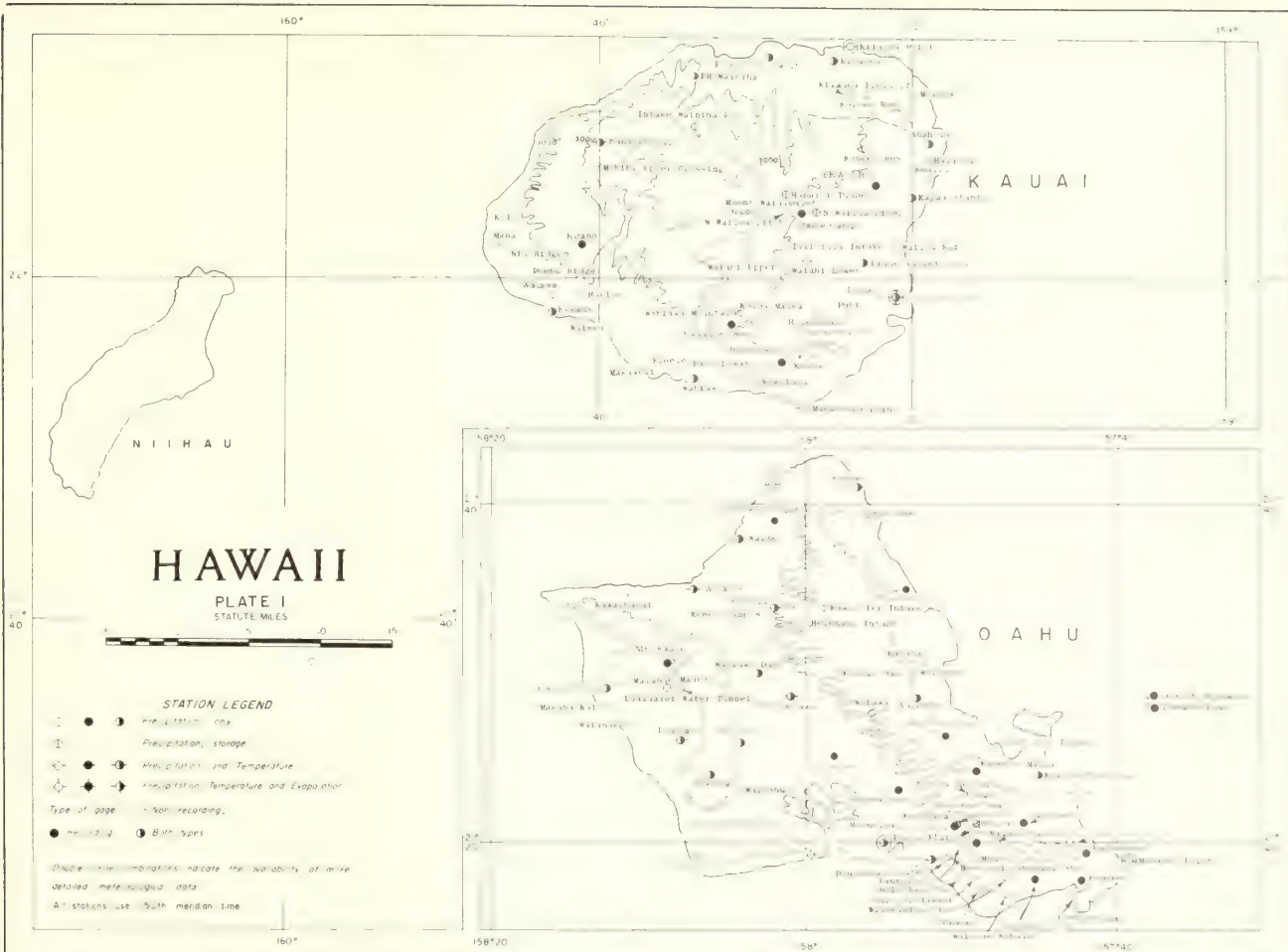
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

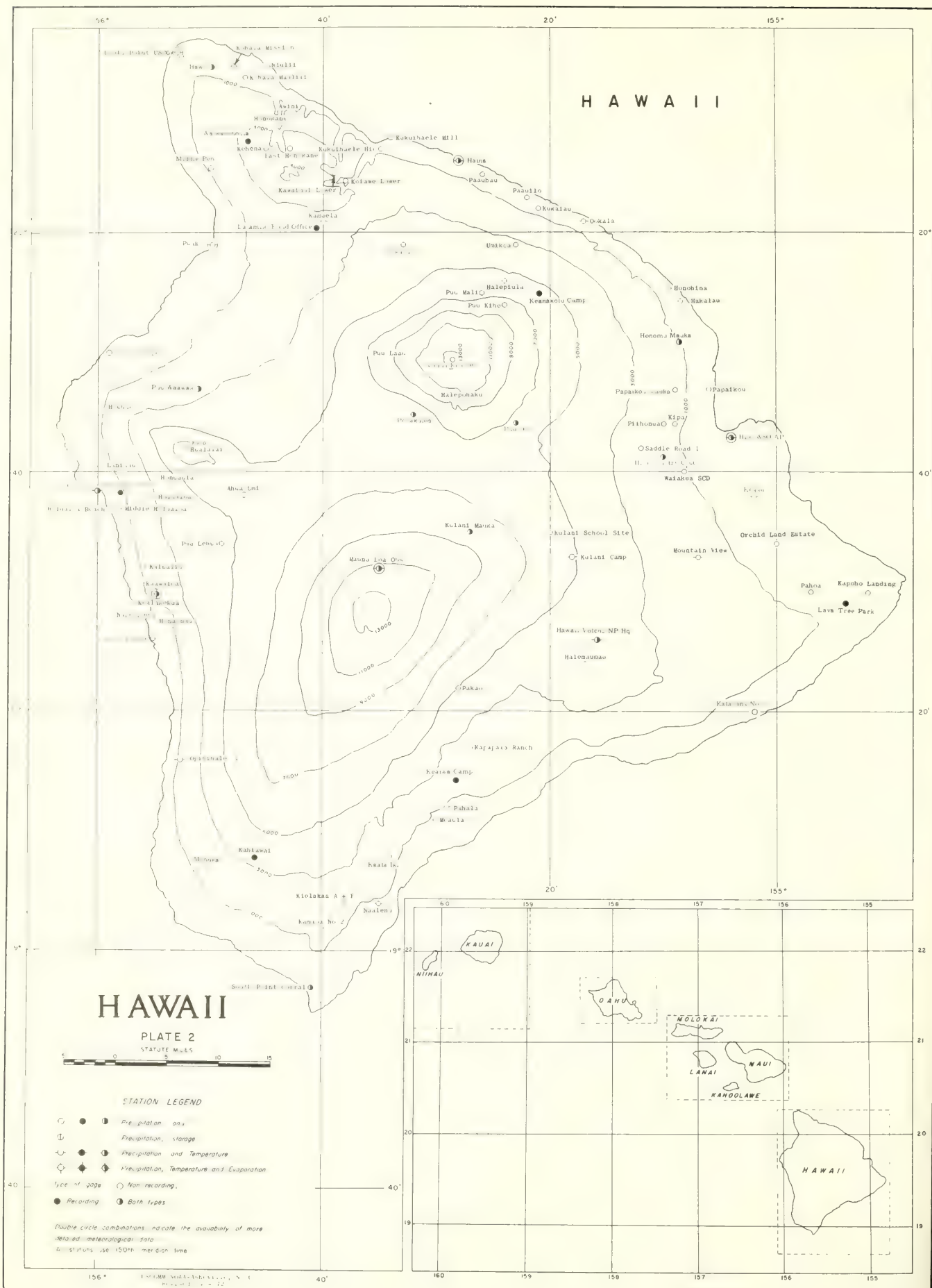
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

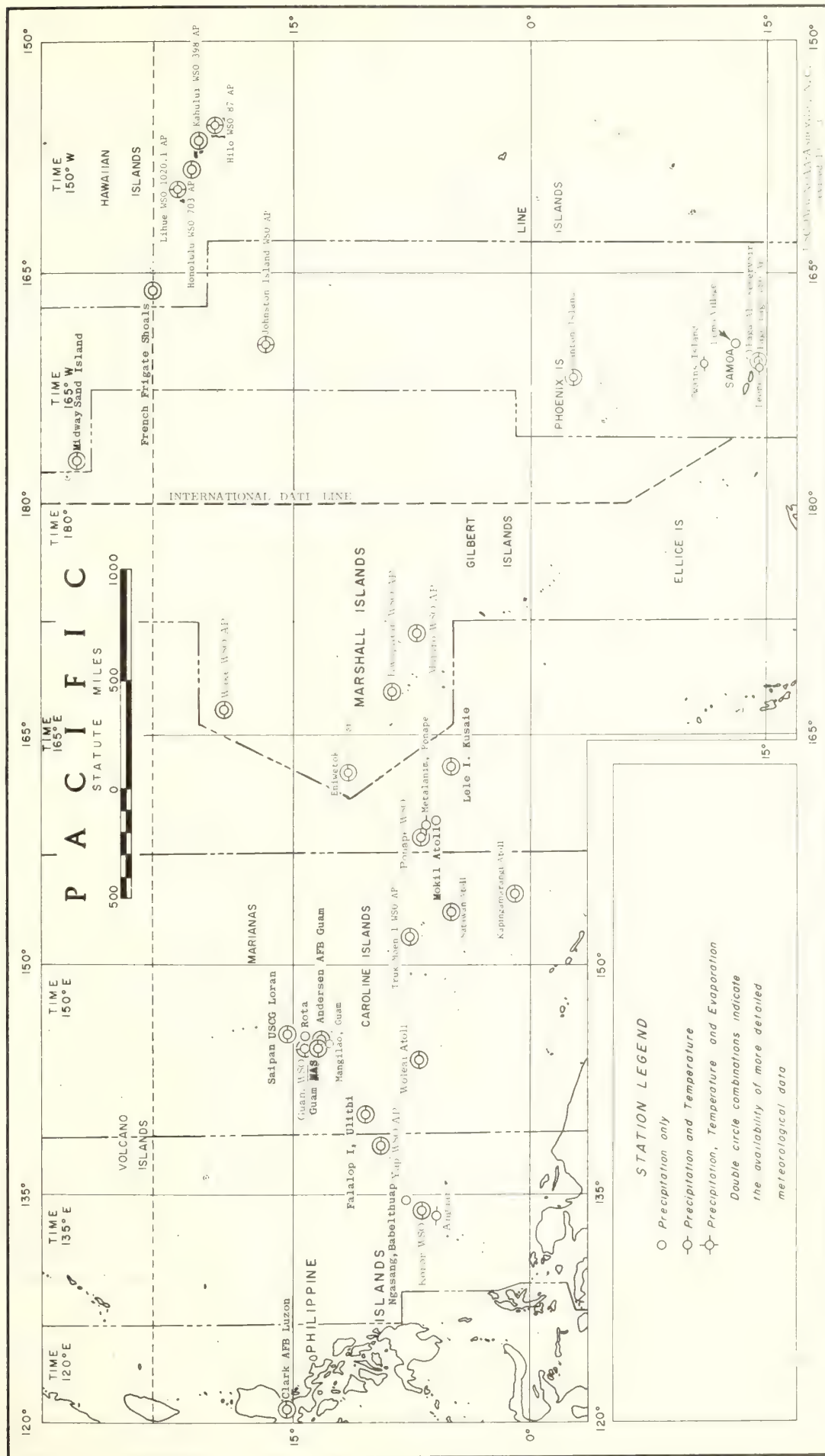
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

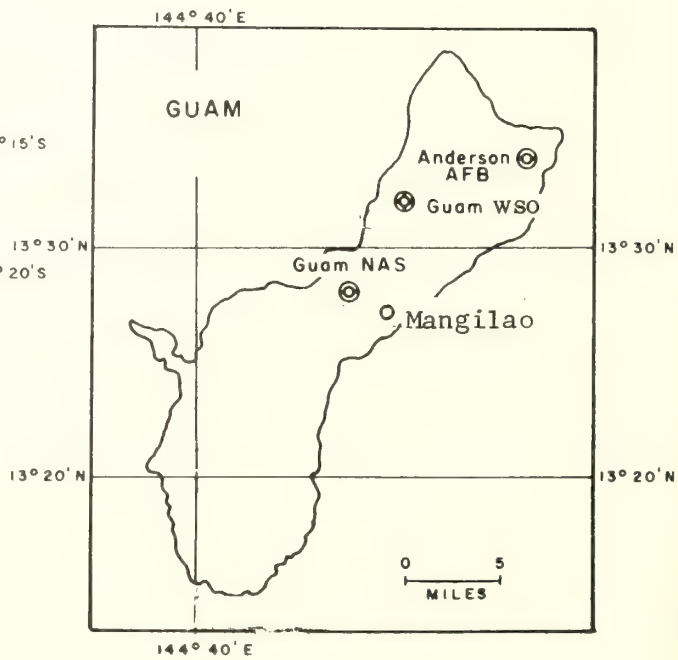
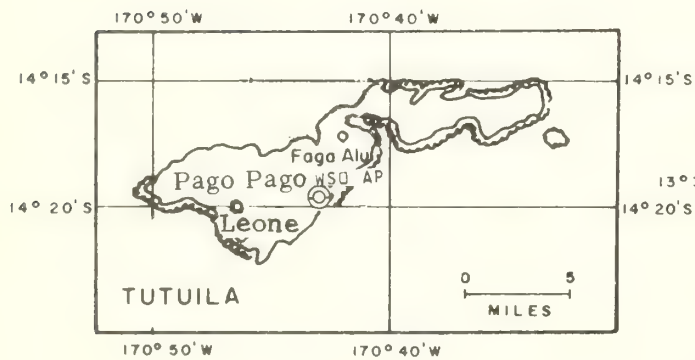
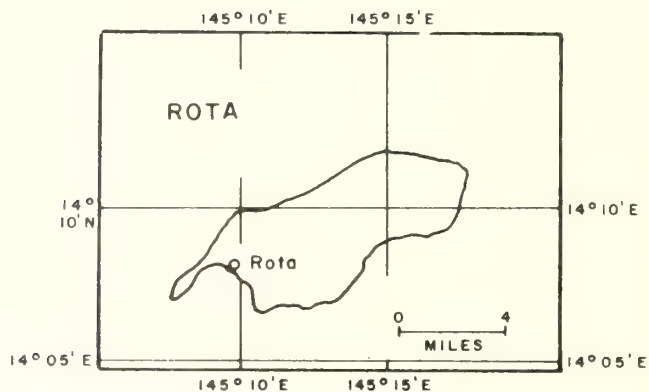
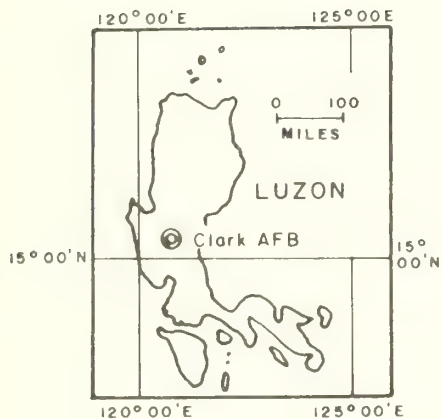
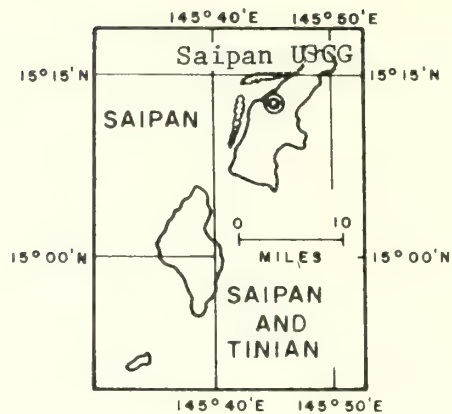
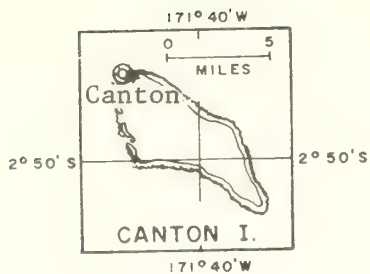
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 8/5/75-970

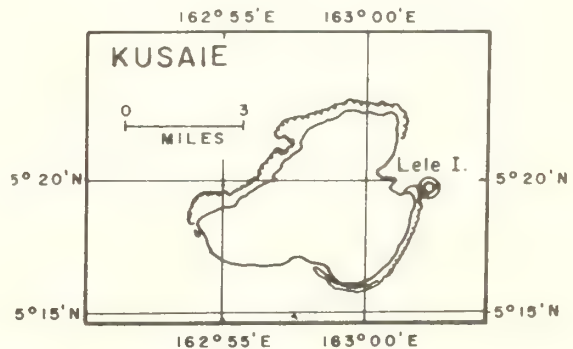
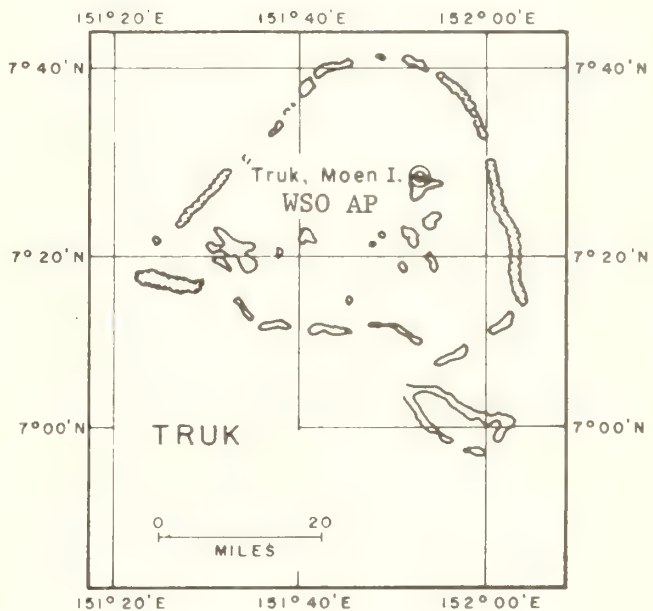
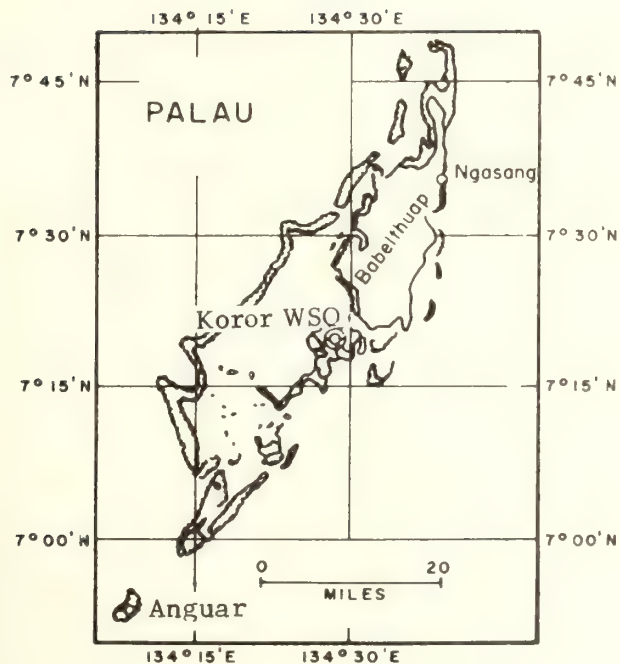
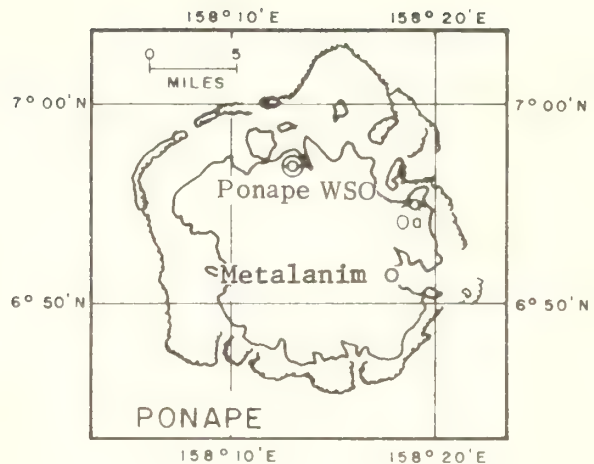
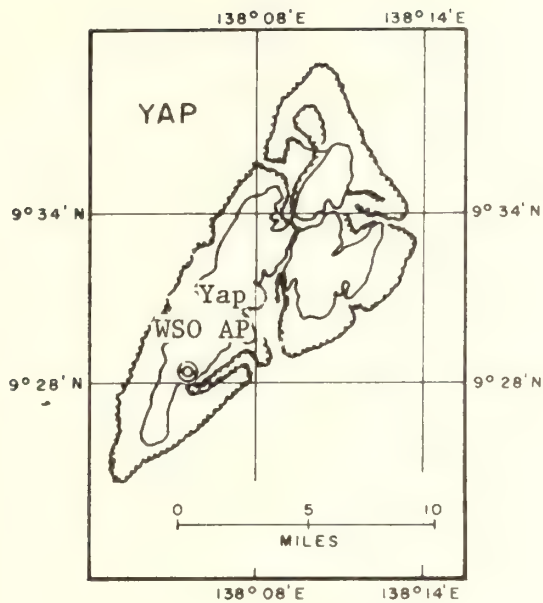




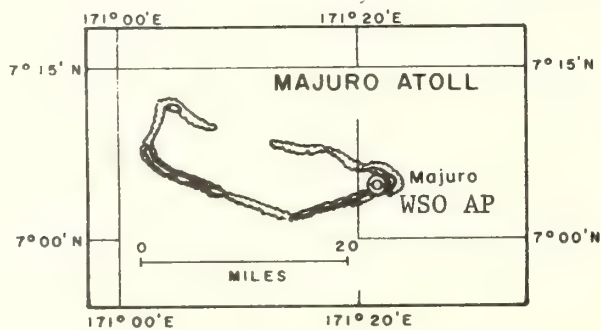
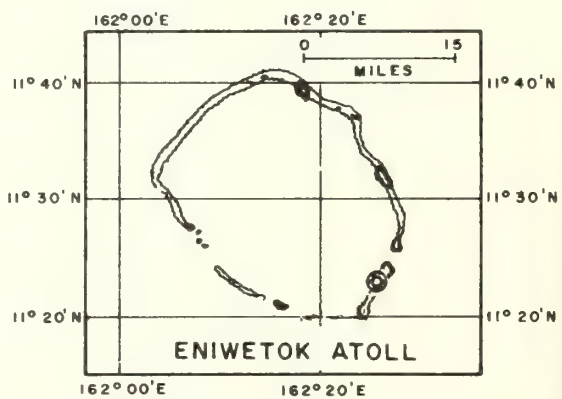
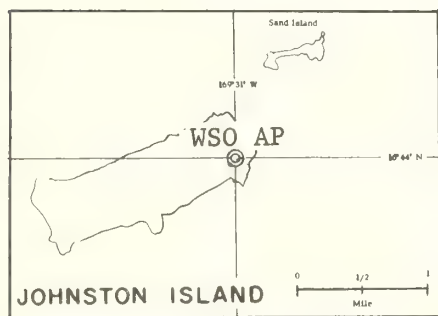
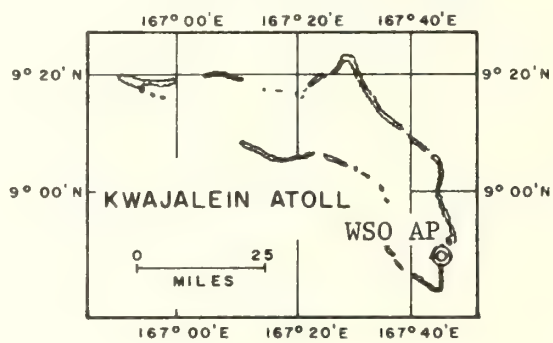
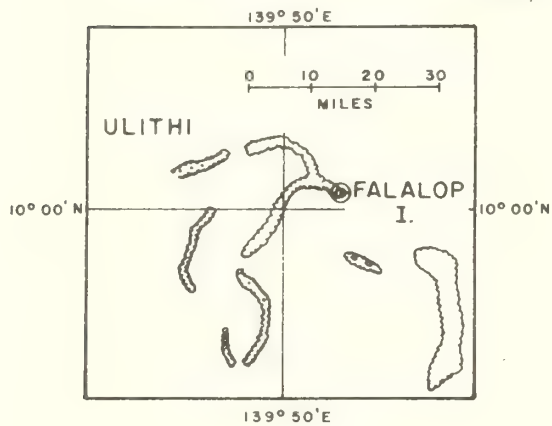
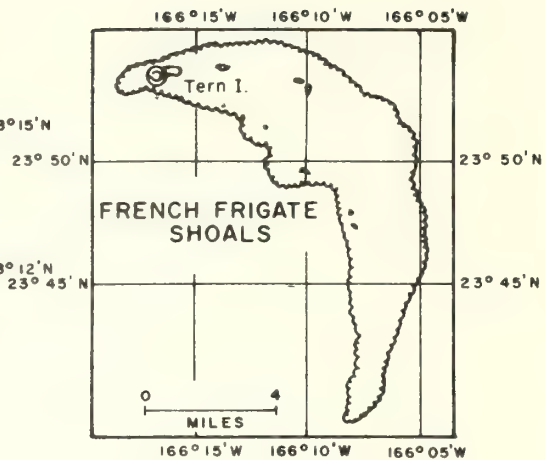
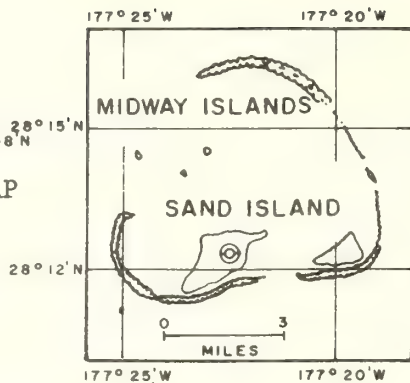
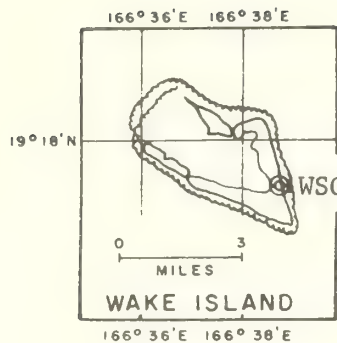




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Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: KEAWAKAPU BEACH 260.2 MAUI 90 DATE 27
 LOWEST TEMPERATURE: 2 STATIONS 33 DATE 30+
 GREATEST TOTAL PRECIPITATION: KEANAE 346 MAUI 17.41
 LEAST TOTAL PRECIPITATION: 26 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: PAUOA FLATS 784 OAHU 1.74 DATE 11

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							GREENWICH CIVIL														
							12	18	00	06											
GUAM WSO AP		-	-	24	SE	08	-	68	67	86	1	12	6	1	0	0	20	85	-		
HILO, HAWAII, WSO AP	9	0.5	6.2	17	E	22	83	78	59	77	1	13	11	3	0	0	28	47	7.8		
HONOLULU, OAHU, WSO AP	6	13.8	14.1	27	NE	25	70	63	50	65	15	3	0	0	0	0	18	63	5.9		
JOHNSTON ISLAND WSO AP	9	15.9	16.3	32	E	24	75	74	68	75	11	9	0	0	0	0	20	74	6.7		
KAHULUI, MAUI, WSO AP	5	14.7	15.2	31	NE	27	75	70	55	69	12	2	0	0	0	0	14	73	4.9		
KOROR WSO AP	13	3.7	6.2	22	S	23+	89	-	83	78	1	4	12	6	6	0	29	42	9.8		
KWAJALEIN WSO AP	7	12.6	13.4	26++	S	06	84	84	77	79	2	8	11	2	4	1	28	-	8.7		
LIHUE, KAUAI, WSO AP	7	12.8	13.3	22	NE	24	75	69	61	72	8	15	0	0	0	0	23	68	6.4		
MAJURO WSO AP	8	9.9	10.5	30	E	26	86	86	81	83	3	3	11	7	5	1	30	28	9.4		
PAGO PAGO WSO AP	9	9.6	12.0	31	E	06	85	87	75	82	3	12	4	1	2	0	22	45	6.2		
PONAPE WSO AP	-	-	-	26	NE	22	89	-	80	83	2	0	13	8	6	0	29	25	9.4		
TRUK,MOEN I., WSO AP	7	6.5	9.1	26	E	08	84	-	79	79	3	6	4	8	5	1	27	31	9.8		
WAKE WSO AP	9	11.4	12.9	28	SE	11	77	81	62	67	4	14	3	0	0	0	21	76	4.9		
YAP WSO AP	10	7.0	8.6	24	SE	05	87	-	80	78	2	8	13	3	2	1	29	64	9.3		

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1975

STATION	TEMPERATURE												PRECIPITATION												
	AVERAGE RAINFALL	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS					
										MAX.	MIN.	TOTAL	DEPARTURE FROM NORMAL					GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	-5.0 OR MORE	-1.00 OR MORE
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A																								
KANALOHULU 1075		71.6	52.8	62.2		78	23+	46	20		0	0	0	0	.46		.10	30+	.0	0		0	0	0	
KAPAA STABLES 1104	A														.65		.21	20	.0	0		1	0	0	
KILAUEA POINT 1133		80.0M	69.6M	74.8M		83	24	66	15		0	0	0	0	.81				.0	0		0	0	0	
KOLOA 936	A														.81		.18	23	.0	0		2	0	0	
															1.77				.0	0		0	0	0	
LIHUE WSO 1020.1 AP	//R	82.0	72.5	77.3	-.2	84	30+	69	19		0	0	0	0	.41	- 1.16	.09	30	.0	0		0	0	0	
MANA 1026		86.0M	66.1M	76.1M	-.8	89	7	62	7+		0	0	0	0	.00	- .49	.00		.0	0		0	0	0	
N WAILUA DITCH 1051	A														4.47				.0	0		0	0	0	
PH WAINIHA 1115															1.05	- 4.61			.0	0		0	0	0	
PUEHU RIDGE 1040															.00	- .80	.00		.0	0		0	0	0	
WAHIKAWA 930	A														.65	-.72			.0	0		0	0	0	
WAIKAI LOWER 1054		80.2	64.0	72.1		82	21+	60	8+		0	0	0	0	3.74	- 3.29	.47	28	.0	0		13	0	0	
WAIKAI 947															.00	-.24	.00		.0	0		0	0	0	
ISLAND				72.5											1.14				.0						
ISLAND OF OAHU																									
CHURCH COLLEGE LAIE		83.2	71.0	77.1		85	21	68	16		0	0	0	0	.67		.17	27	.0	0		3	0	0	
HONOLULU OBSERV 702.2															.03		.02	13	.0	0		0	0	0	
HONOLULU WSO 703 AP	R	85.0	71.2	78.1	-.8	88	28	67	22		0	0	0	0	.03	-.29	.01	27+	.0	0		0	0	0	
KANEIHE MAUKA 781		80.9M	71.1M	76.0M	.1	83	22+	67	20		0	0	0	0	2.40	-.26	.64	30	.0	0		1	0	0	
KOOLAHA DAM 833	A														6.58		.80	11	.0	0		15	6	0	
LUALALEI 804	A	83.8M	68.2M	76.0M		87	18	62	22		0	0	0	0	.00		.00		.0	0		0	0	0	
MANOA LYON ARBORETUM		76.3	65.9	71.1		80	23	64	28		0	0	0	0	5.61		1.63	12	.0	0		15	1	1	
NUUANU RES 4 783															3.12		.98	11	.0	0		10	1	0	
OPAEULA 870	A	78.9	64.0	71.5	-.2	80	25+	62	21+		0	0	0	0	.88		.26	28	.0	0		3	0	0	
PAOLO VALLEY 718	R														3.40	- 4.27	1.22	11	.0	0		8	1	1	
PRI WAIKAWA 820.2	A	82.0M	64.8	73.4M		85	2	62	24+		0	0	0	0	.51				.0	0		0	0	0	
WAIKAWA DAM 863	A														.90				.0	0		0	0	0	
WAIKAWA 837	A														2.97				.0	0		0	0	0	
WAIKAWA 896.3		82.3M	69.4M	75.9M		88	29	64	17+		0	0	0	0	.89		.15	30	.0	0		3	0	0	
WAILUA 847	A	83.5	64.8	74.2	- 1.2	87	24	61	3+		0	0	0	0	.13	-.31	.04	15	.0	0		0	0	0	
WAIKIKI 717.2		84.6	66.7	75.7		86	29+	62	5		0	0	0	0	.12		.03	12	.0	0		0	0	0	
WAIMANALO EXP FARM		82.0	70.5	76.3		84	24	68	27+		0	0	0	0	.22		.12	27	.0	0		1	0	0	
WAIKAWA 750	A														.03		.01	27+	.0	0		0	0	0	
ISLAND				75.0											1.58				.0						
ISLAND OF MOLOKAI																									
KUALAPUU 534	A														.56				.0	0		0	0	0	
MAUNALO 511	A														.46				.0	0		0	0	0	
MOLOKAI AP 524																									
ISLAND				.0											.51				.0						
ISLAND OF LANAI																									
LANAI CITY 672	A	74.3M	65.0M	69.7M	-.8	81	20	61	20+		0	0	0	0	.44	-.84			.0	0		0	0	0	
ISLAND				69.7											.44				.0						
ISLAND OF MAUI																									
HALEAKALA B E S 434	A	66.7	43.7	55.2	- 1.2	73	16	33	25		0	0	0	0	.91		.16	30	.0	0		5	0	0	
HALEAKALA RS 338		81.2	68.2	74.7		83	23+	59	24		0	0	1	0	.87	-.34	.78	30	.0	0		1	1	0	
HANA AIRPORT 355	A														3.69		.70	24	.0	0		13	1	0	
HONOKOHUA 493															.58		.24	27	.0	0		1	0	0	
KAANAPALI AP 453.1		81.4	67.7	74.6		85	24	65	30+		0	0	0	0	.08		.02	27+	.0	0		0	0	0	
KAHULUI WSO 398 AP	R	82.5	66.8	74.7	- 2.4	89	22	60	30+		0	0	0	0	.05	-.16	.03	25	.0	0		0	0	0	
KAILUA 446		73.9M	65.1M	69.5M	- 2.5	78	23+	64	13+		0	0	0	0	6.22	-.88			.0	0		0	0	0	
KEANAE 346	A														17.41				.0	0					
KIPAHULU 258															4.03	- 2.84	.40	24	.0	0		16	0	0	
KULA SANATORIUM 267		71.5	55.9	63.7	- 1.0	77	24	53	18		0	0	0	0	.62	-.79	.22	30	.0	0		3	0	0	
LAHAINA 361		84.9	66.8	75.9	-.6	88	24	65	19+		0	0	0	0	.01	-.08	.01	30	.0	0		0	0	0	
PAIA 406															.71	-.18	.10	26	.0	0		1	0	0	
WAILUKU 386	A	80.2M	68.5M	74.4M	- 2.2	84	24+	65	2		0	0	0	0	.17	-.26			.0	0		0	0	0	
ISLAND				70.3											2.72				.0						
ISLAND OF HAWAII																									
HAWAII VOLCNS NP HQ 54	R	66.8	51.7	59.3	- 2.4	72	23	49	2		0	0	0	0	2.52	- 2.15	.31	30	.0	0		10	0	0	
HILO WSO 87 AP	A	81.9	66.8	74.4	-.2	86	22	64	7		0	0	0	0	4.20	- 2.41	.56	18+	.0	0		14	3	0	
HUEHUE 92.1															1.29				.0	0					
KAINALIU 73.2		74.1	62.8	68.5		78	23	61	29+		0	0	0	0	6.66		1.11	25	.0	0					
KERUU 92		78.9	64.2	71.6		81	23+	62	8+		0	0	0	0	4.10		.38	26+	.0	0		19	0	0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE
1975

STATION		TEMPERATURE											PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE	
											1-10	11-20	21-30	31-40											
HAWAII																									
KONA (KAILUA) 68.3	A	M	M	M							0	0	0	0	1.19	- 2.07	.30	16	.0	0		4	0	0	
KUKUIHAELE HIC 199											0	0	0	0	.89		.15	16*	.0	0		0	0	0	
KULANI CAMP 79		62.7M	46.8M	54.8M		68	24*	42	26*		0	0	0	0	1.50		.33	30	.0	0		0	0	0	
PAHALA 21	A	78.3M	60.9M	69.6M	- 2.5						0	0	0	0	.25		.07	21*	.0	0		0	0	0	
POHAKULOA 107	A										0	0	0	0	.00		.00		.0	0		0	0	0	
PUAKO 95.1	A	83.8	68.6	76.2		88	27*	64	20		0	0	0	0	.28		.28	20	.0	0		1	0	0	
PUU HAAHAA 94.1	A														.38	- 1.80			.0	0		0	0	0	
UMIKOA 118															.04		.02	23*	.0	0		0	0	0	
WAIKOA SCD 88.2															6.14		1.00	13	.0	0		16	4	1	
ISLAND				67.8											2.13				.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1975

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

HUGHES HUND FRI
 NE 1275

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
JUNE 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

Midway Atoll Pacific
June 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAIRI I																																	
KEHENA 181 2	A	2.65	x	1.03	x	x	x	x	x	x	x	x	x	x	x	x	1.62	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
KIDILAKA A & F 6	A	4.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
KIDIA 99 2	A	5.11	x	.06	x	23	17	10	x	1	35	.11	.19	.55	.88	x	x	5.4	6.1	0.4	6.8	x	x	14	x	4.8	18	15	x	x	3.1	x	
KONALA MAULILI 176	A	1.23	x	x	x	05	08	13	x	1	13	02	10	13	66	x	x	13	08	12	x	x	7	11	x	12	03	x	x	1	x	7.8	
KONALA MISSION 176 1	A	.96	x	x	x	05	03	05	06	03	01	.02	.04	.08	12	11	x	17	35	21	x	x	17	T	T	17	02	T	x	0.8	T	x	
KOTIHA LOWER 196	A	1.65	x	x	x	x	x	63	x	x	x	x	x	58	x	x	x	x	x	x	x	16	x	x	x	x	x	2.4	x	x	1	x	
KONA KAILUA 68 3	A	1.19	x	15	x	04	63	x	x	x	08	x	x	15	58	x	x	10	25	x	x	7.1	x	x	x	x	2.4	x	x	1	x	x	
KONA VILLAGE 93 8	A	.17	x	x	x	01	01	x	x	x	08	09	05	06	x	x	x	07	09	x	x	x	x	03	06	04	x	x	x	1	x	x	
KUKIHAU 222	A	.38	T	x	x	.08	.07	15	03	01	T	11	07	02	15	13	x	x	x	x	x	x	x	07	03	02	02	x	x	x	x	x	x
KUKIHALE HIC 199	A	.89	x	x	x	13	03	x	x	x	04	01	x	15	04	04	02	x	x	x	x	03	13	06	x	x	x	x	x	x	x	x	
KUKIHALE MILL 206	A	.29	x	02	x	01	02	02	03	01	15	18	13	23	10	x	04	04	04	02	x	03	13	06	x	x	x	x	x	x	x	x	
KULANI CAMP 79	A	1.90	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KULANI MAUKA 76	A	.25	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KULANI SCHOOL SITE 78	A	1.54	x	.32	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
LANIKU 68 2	A	7.54	x	21	38	x	03	41	20	11	x	43	.05	.07	.02	17	08	10	13	13	16	67	62	47	x	x	x	x	x	x	x	x	
MAKAHALA 103	A	.30	x	x	x	15	x	x	x	15	T	T	x	x	x	x	10	10	T	T	x	x	x	10	T	x	x	x	x	x	x	x	
MAUKA 2	A	2.00	x	x	x	T	x	x	x	30	T	T	x	x	x	x	10	10	T	T	x	x	x	10	T	x	x	x	x	x	x	x	
MAUNA KEA OBS 111 2	A	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MAUNA LOR SLOPE OBS	A	.16	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MIDDLE HOLUALOA 68 1	A	1.97	x	x	05	T	x	x	x	x	40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MIDDLE PEN 147.1	A	.92	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOAULA 18	A	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOUNTAIN VIEW 91	A	5.96	01	01	01	23	36	25	18	24	11	13	36	24	68	11	29	13	05	13	13	22	22	13	02	09	14	37	10	x	41	18	
NAALAE 14	A	.55	x	x	x	05	T	x	x	x	15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
NAPAOPOPO 28	A	3.76	x	97	x	x	x	x	x	x	15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
NEULI 179	A	.81	x	x	x	11	09	x	x	07	x	06	01	11	26	x	x	03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
OKALA 221	A	.74	x	x	x	06	04	02	03	01	06	01	04	03	09	T	01	01	06	T	x	x	14	x	12	03	x	x	x	x	x	x	
OPITHIALE 2 24 1	A	.00	04	T	16	02	10	T	04	09	T	T	11	08	03	14	33	T	04	T	17	05	T	x	28	10	03	T	T	T	T	T	
ORCHID LIND EST 91 5	A	5.11	x	x	x	1	x	1	15	x	x	x	x	x	1	25	x	x	x	x	1	18	x	x	x	x	x	x	x	x	x	x	
PAPAHAU 217	A	.12	x	x	x	03	01	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAHAU 221	A	.17	T	x	x	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
PAPAHAU 231	A	.25	x	x	x	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
PAPAHAU 241	A	.75	x	x	x	35	45	14	15	19	08	25	17	22	61	12	30	25	12	23	19	22	24	11	02	20	12	25	25	65	57	57	
PAPAHAU 251	A	.37	x	x	x	07	11	07	x	x	13	18	25	32	41	x	x	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
PAPAHAU 144 1	A	3.91	x	20	x	07	11	07	x	x	13	18	25	32	41	x	x	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	
PAPAHAU MAUKA 140 1	A	6.06	x	11	x	23	20	12	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PIHONUA 89	A	6.00	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
POHAKULOA 107	A	.00	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO 95 1	A	.29	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO LINC 120	A	.00	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO LINC 102 1	A	.00	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO LINC 73	A	1.70	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO LINC 113	A	.00	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO LINC 82	A	.00	x	x	x	x	x	x	x	x	19	19	10	06	10	x	x	11	14	06	06	01	x	x	15	07	49	25	x	x	1.31	1.31	
PURAO LINC 94.1	A	.38	x	03	x	x	x	x	x	x	15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
SHADDE ROAD 1 84	A	1.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
SOUTH POINT CORRAL 1	A	.04	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
UPKUA 118	A	.24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
UPKUA POINT USCG 159.2	A	.04	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
UPKUA POINT USCG 159.2	A	.24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
UPKUA POINT USCG 159.2																																	

DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE
1975

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
EAST OF 180TH MERIDIAN																																
CANTON ISLAND		2.02		18						23	14	10	16	.01			.12	.12	.32	.17	T	.02	*	.16				.02		.19	*	.06
FAGA HUA RE LAKE	R	7.25		40			15							.10			3.60	T	.10		.02	.20		2.40				.30				
MANITO WSO HP		7												T	.01	T	.06	T														
LEDNE		11.07	10		60					12				3.06	1.80	.06		.40	.13			1.35	.06	.10	1.85	.48	.15		.10	.04	.13	
FRENCH FREIGHT SHOAL		12																				.12	.15	.15	.10	.25					.02	
LYMA VILLAGE		4.53	92	T			35			.18			05	.20	.17						.08	.48	.35	1.48	.16	.06				T	.05	
MIDWAY SAND ISLAND																																
FAGO KAGA WSO HP	R	4.21	T		T		.10		.04	.07	.04		.03	1.28	.03		.06	T	.26		.76	.02	.02	1.91	.03	.38	.01		.02	.14	.01	
SWAINS ISLAND																																
WESTERN HEMISPHERE NORTH OF 12° N																																
ANDERSON AFB GUAM		2.92	.01		12		T		T		T	.07	.01	.76	T	.01	.05	.08	.03	.28	T	T	.16	T	.19	.04	.72	.16	.04	.17	.02	
GUAM AFB GUAM		6.30	T	.03	.08	.15	T		T					.03	.01	.07	.12	.41	.64	.02	.09	.15	.06	.23	.63	.24	.20			1.51	.13	
GUAM NAS																																
GUAM WSO	R	2.46			.07				.03		.26		.05	.61	.29	.01	.09	.05	.03	.05			.03	.03	.17	.03	.15	.34	.13	T	.04	
MANGILAO		2.52							.25	.02				.16	.33	.45		.07		.08		.02			.02	.45	.06	.05			.58	
ROTH																																
SHARP WSO GUAM																																
WAKE WSO AP	R	.96			.19	T		.10	T		.01	.03	.04	.05	.02	.01	.23	.03	.05	.06	.06	T	.01	.04		.02	.01				T	
MARSHALL ISLANDS																																
ANDOR		16.27		72	2.17	.05		.42	.84	.95	1.71	.27		1.78		.08	1.07	.15	2.32	.15	.43	1.72		.24					1.68		.42	
ENDUATOR		1.73			.40	.03			.04	.05	.05						.05			.16	.01			.28	.09	.01		.28		.19		
FALLOP I. ULITHI		11.88				2.26		.08	.10	.20	.54	.21				.46		.39		.15	1.14	.13		.42	.60	.16	3.35	1.11	.08	.21	.21	
KAPINGMARANGI ATOLL	R	16.24		10	10	.75	1.59	.03	.16	1.51	.41	1.34	.05	1.22	.27	.55	.05	1.28	.73	.60	.84	.21	.26	.90	.49	.32	T	.04	.38	.37	.41	1.28
KWABALEIN WSO AP	R	13.99		10	.38	.41	1.68	.20	T	.09	.20	T	.04	1.81	.74	.43	.06	.06	.05	.14	1.09	.09	.09	.10	.78	1.02	3.95	.22	.10	.15	.01	
LELE I. KUSAE	R	17.63	T	1.26	.08	.45	.82	.23	T	.17	1.37	T	.58	.48	.86	.41	.06	1.53	.07	.51	1.38	.26	.16	.36	1.40	.63	.67	.78	2.23	.19	.26	
MARUO WSO AP				.21	.73	.35	.68	.50	.50	.35			.10	.50	.80	.35		1.30	2.00	.20				1.10	.15	.07	1.25	.10		.15		
METHUEN		11.39																														
MOULI ATOLL																																
NDARANG, BABEL THIAF																																
ORANPE WSO	R	18.83	T	.74	.30	.35	1.01	.51	.16	.19	T		.36	1.49	.90	1.79	.39	.25	.74	1.82	.19	.24	.84	.79	.76	.86	.31	1.13	1.53	.27	.21	.20
PAKUAN ATOLL																																
TRUK, MOEN I. WSO HP	R	16.12	.01	T	.07	.79	.26	1.98	.01	.17				.70	1.07	.40		.09	.83	.11	1.16	.54	.87	1.10	2.03	.54	1.75	.86	T	.01	.07	
WOLERT ATOLL																																
YAP WSO AP	R	10.67		.05	.20	.11	.90	.06	.25	.87	2.13	.56	.16	.07	1.02	.01	.45	.10	.15	.48	.45	.06	.14	1.81	.01	.09	.13	T	T	.18	.07	.14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JUNE 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOAHULUHULU 1075	MAX MIN	73 49	74 47	74 52	69 52	71 54	75 55	73 52	73 51	72 52	71 54	68 53	72 49	71 53	78 55	65 52	69 53	72 52	72 53	69 55	70 46	71 51	74 54	78 57	72 58	70 54	73 54	71 54	68 54	71 55	70 53	71.6 52.8	
KILAUEA POINT 1133	MAX MIN	80 70	79 71	78 68	80 70	79 68	80 69	80 79			71 71	80 71	80 71	80 79	80 69	79 66	79 79	81 70	82 70	78 69	81 71	80 70	83 70	81 71	82 70	79 68	81 68	82 70	79 68	81 70	79 70	80.0 69.6	
LIHUE WSO 1020.1 AP	MAX MIN	81 73	81 72	81 72	81 72	81 73	82 73	82 73	82 72	82 73	82 73	81 73	81 73	82 73	81 71	82 72	82 73	81 71	84 73	81 69	82 71	84 73	83 73	84 74	83 73	82 73	81 73	81 73	82 73	84 73	82.0 72.5		
MAKAHUEA POINT 940.1	MAX MIN	87 73	84 75	80 74	82 73	81 73	84 77	83 70	83 71	82 73	82 74	83 73	82 73	83 74	83 74	85 76	83 76	83 69	83 71	82 69	85 71	85 68	85 69		86 70	85 70	85 70	85 70	82 66	81 66	82 74	85 72	83.3 72.8
MANA 1026	MAX MIN	85 64	85 63	85 62	86 64	85 64	85 65	89 62	86 65	86 70	88 67	86 65	86 65	87 65	85 69	85 67	83 67	87 66	86 65	85 65	86 65	86 66	85 66	87 67	88 70	88 70	87 66	87 66	85 66	86 66	86 66	86.0 66.1	
NIU RIDGE 1035	MAX MIN	81 59	82 60	82 59	83 59	81 58	82 59	82 57	81 58	83 59	83 64	84 62	83 59	83 59	82 60	83 61	83 63	82 60	83 60	83 60	82 59	82 60	83 61	84 62	85 65	83 64	83 61	84 60	82 61	84 61	83 60	82.7 60.4	
WAIHAI LOWER 1054	MAX MIN	81 64	79 63	81 60	80 64	80 61	81 64	80 61	80 60	80 65	81 66	81 67	80 65	80 65	79 64	80 65	79 64	80 64	81 64	82 62	81 61	81 64	81 65	81 67	80 65	78 64	78 65	79 65	80 65	80 65	80.2 64.0		
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX MIN	83 70	84 72	82 72	82 71	83 70	83 72	84 72	83 72	83 72	83 72	83 70	82 70	83 72	84 70	82 70	82 68	83 71	83 70	83 71	85 73	85 71	84 70	84 72	84 72	84 72	83 71	83 69	84 72	83 71	84 70	83.2 71.0	
EWA PLANTATION 741	MAX MIN		86 66	85 66	84 66	85 66	84 66			85 65	85 69	85 68	85 68	84 68			85 67	85 68	85 66	85 66	86 67			87 65	86 71	83 71	85 68	85 68		87 67		85.1 67.3	
HONOLULU WSO 703 AP	MAX MIN	84 72	84 72	84 71	85 72	84 70	85 72	84 73	85 71	85 72	85 73	85 70	85 72	83 71	82 71	85 71	84 72	85 71	85 69	86 69	86 72	86 71	86 70	86 73	85 73	86 72	85 70	84 69	88 70	86 71	86 73	85.0 71.2	
HONOLULU SUBSTA 704	MAX MIN	80 71	79 69	79 69	80 69	79 69	79 69	79 71	79 71	79 71	80 70	79 69	79 69	78 69	79 68	79 69	80 69	80 70	80 69	81 70	81 69	81 70	82 69	83 71	79 69	80 68	78 67	80 68	82 70	81 70	79.8 69.4		
KANEHUE MAUKA 781	MAX MIN	82 70	80 68	79 68	82 75	81 74	82 73	81 70	81 69	83 69	82 73	82 68	78 69	81 72	79 72	80 72	80 72	82 71	81 70	83 70	83 67	82 75	81 70	81 73	80 74	81 73	78 72		79 71	81 69	79 70	80.9 71.1	
LUALUALEI 804	MAX MIN	82 69	81 69	84 68	83 66	84 67	86 71	85 68	82 67	83 67	83 70	82 70	85 69	86 70			84 68	85 68	87 65	82 66	84 69	85 64	84 62	86 69	84 73	82 71	84 68	83 68	83 68	83 70	83.8 68.2		
MANOA LYON ARBORETUM	MAX MIN	78 65	78 66	77 67	75 66	76 66	76 66	78 66	78 67	78 67	75 67	76 65	75 65	76 66	73 65	73 65	75 65	75 66	78 66	77 66	77 66	79 65	80 67	79 68	79 68	80 66	80 66	78 66	76 65	75 65	72 64	76 67	76.3 65.9
OPAEULA 870	MAX MIN	76 63	79 62	79 63	79 64	79 64	65	80 63	79 65	79 62	79 64	79 64	79 65	80 64	80 63	79 64	79 66	80 66	79 62	80 62	79 64	79 62	80 64	80 63	80 64	80 63	80 65	78 64	76 65	78 63	78 69	78.9 64.0	
PRI WAIHAWA 820.2	MAX MIN	84 66	85 63	85 65	81 66	80 62	80 66	84 66	83 65	83 64	81 66	66	66	82 65	82 66	79 66	76 66	80 65	82 65	83 63	84 63	83 64	84 64	84 63	84 62	81 68	82 66	82 66	80 65	82 65	82.0 64.8		
WAIALEE 896.3	MAX MIN	83 69	83 70	82 71	82 71	83 70	82 72		83 70	82 70	82 64	82 71	82 70	80 68	82 70	80 68	84 64	84 70	83 67	82 66	82 71	82 71	82 73	83 73	84 73	81 70	82 68	81 68	80 68	88 70	80 70	82.3 69.8	
WAIALUA 847	MAX MIN	84 61	84 61	82 64	82 63	82 62	84 64	84 65	84 64	84 64	84 68	84 68	83 63	85 68	81 67	80 67	82 67	83 65	84 62	84 61	85 62	86 61	86 64	86 63	87 63	87 63	81 68	82 65	83 66	83 67	85 66	83.5 64.8	
WAIKIKI 717.2	MAX MIN	85 66	84 67	85 68	85 67	84 62	85 67	85 67	86 66	86 68	85 69	85 67	85 67	85 66	84 66	84 66	84 66	84 66	84 63	84 63	84 64	84 64	84 63	84 62	84 62	84 66	85 66	85 66	83 65	84 67	86 68	84.6 66.7	
WAIMANALO EXP FARM	MAX MIN	82 70	82 70	82 71	83 71	82 71	82 71	82 71	83 71	83 70	82 70	82 70	81 70	82 72	81 71	82 70	81 69	82 71	82 69	82 72	82 72	82 72	82 72	82 72	82 72	82 72	82 72	81 71	82 72	82 72	82.0 70.5		
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN		74 61	76 65	75 65	74 65	71 66			75 64	77 66	75 64	70 65	70 64			72 65	74 69	75 70	76 63	81 61			76 66	77 64	74 66	71 64	72 65		75 66		74.3 65.0	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	66 46	69 46	70 45	67 54	68 50	70 54	70 51	72 44	66 40	64 42	69 41	64 37	63 40	71 50	72 47	73 48	69 43	65 40	65 39	62 38	60 38	61 42	72 53	70 34	66 33	67 33	66 49	65 40	60 39	63 40	66.7 43.7	
HALEAKALA SUMMIT 338.4	MAX MIN		64 49	61 47	62 46	59 44	57 43			61 44	66 47	66 46	62 44	66 48			66 46	58 46	53 43	55 42	58 41			57 42	53 40	53 41	56 39		56 35		59.1 43.5		
HANA AIRPORT 355	MAX MIN	82 68	83 68	82 68	82 68	80 72	80 69	82 70	81 68	83 70	81 70	83 67	82 67	79 67	82 68	80 68	79 69	82 69	81 67	80 67	83 68	81 67	80 68	82 70	83 69	82 68	80 67	82 67	80 69	80 68	80 68	81.2 68.2	
KAAHPALI AP 453.1	MAX MIN	83 68	81 68	81 69	82 68	81 67	80 69	82 68	82 68	83 69	80 68	80 68	81 69	81 69	81 69	81 69	82 69	81 67	82 65	82 66	81 65	82 66	78 66	75 69	82 69	80 68	80 66	82 65	83 65	83 65	81.4 67.7		
KAHULUI WSO 398 AP	MAX MIN	83 66	82 68	83 67	81 67	82 65	82 69	82 70	81 68	82 70	83 70	83 64	82 70	81 69	82 69	82 69	83 69	81 69	82 68	83 60	83 61	83 66	85 61	85 63	83 68	81 68	81 68	84 68	81 70	82 62	82.5 66.8		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JUNE 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX MIN		78 64	77 65	77 64	75 64	75 65			76 64	76 64	75 64	75 64	73 64			70 68	70 68	68 65	69 66	69 66		78 66	77 65	68 65	74 65	75 65			77 65		73.9 65.1	
KEAWAKAWA BEACH 260.2	MAX MIN	87 62	86 65	89 62	89 65	85 63	86 64	88 66	87 63	87 64	87 66	86 63	85 66	85 64	88 65	87 65	85 65	86 63	82 63	84 63	85 63	88 65	86 71	87 64	85 69	89 63	90 63	87 64	87 63	85 63		86.5 64.3	
KULA SANATORIUM 267	MAX MIN	69 56	72 58	69 55	74 56	71 58	69 58	70 57	69 55	72 56	72 57	71 58	68 57	68 56	71 56	70 56	70 54	71 55	70 53	69 54	70 55	69 54	75 55	75 57	77 58	76 59	74 55	74 54	74 55	71 56		71.5 55.9	
LAMAHANA 361	MAX MIN	85 68	86 67	86 67	84 67	84 66	85 66	85 65	85 65	86 68	86 66	84 66	84 68	83 67	85 66	85 67	86 68	85 66	84 65	84 66	85 66	86 67	85 71	88 69	88 67	85 66	85 66	85 67	83 66	85 67		84.8 66.8	
WAILUKU 386	MAX MIN		81 65	81 69	80 69	79 68	79 69			80 69	80 70	79 69	80 68	78 69			80 69	80 69	79 69	80 69	81 67			84 66	84 69	81 69	79 68	79 70		81 69		80.2 68.5	
ISLAND OF HAWAII																																	
HAWAII VOLCONS NP HQ 54	MAX MIN	65 51	68 49	65 50	68 51	63 50	69 52	68 51	67 50	67 51	68 50	68 54	67 52	66 51	64 51	64 51	69 53	65 52	68 52	65 52		70 54	72 52	71 53	67 54	64 50	67 51	68 50	70 55	62 53		66.8 51.7	
HILO WSO 87 AP	MAX MIN	82 65	85 67	81 66	81 67	80 68	81 67	81 64	82 65	82 66	83 67	79 67	82 67	79 66	80 67	81 68	85 66	81 67	83 68	85 67	86 69	82 69	81 69	81 68	83 66	83 66	83 66	81 68	81 68		81.9 66.8		
KAINALIHI 73.2	MAX MIN	75 64	75 63	76 64	75 61	74 64	75 62	73 65	73 65	73 62	75 62	74 64	73 64	73 62	74 63	72 64	74 63	71 63	72 63	73 64	75 61	74 61	78 63	77 64	76 64	73 62	76 62	74 61	72 61	76 62		74.1 62.8	
KAMUELA 190.2	MAX MIN	75 45	75 44	76 45	74 44	74 43	74 44	74 47	74 47	74 44	74 44	74 45	74 44	74 44	74 43	74 44	74 44	74 44	74 44	75 44	80 52	80 46	80 46	80 44	80 44	80 44	80 44	80 44	80 45	80 45		76.1 45.0	
KEAHO 92	MAX MIN	79 64	79 64	81 65	80 64	76 64	78 65	78 62	79 62	79 64	81 63	79 64	79 64	78 65	78 64	78 64	77 65	79 64	80 64	81 65	81 64	81 65	79 66	79 67	78 65	79 63	79 63	80 63	80 64	78 65		78.9 64.2	
KOHALA MISSION 175.1	MAX MIN	79 67	79 67	80 67	79 65	77 64	78 65	79 65	79 66	79 68	81 66	80 66	80 64	78 64	79 65	78 65	79 64	78 64	81 65	81 66	81 66	80 64	77 67	79 68	77 68	77 65	79 65	80 65	82 65	79 67		79.2 65.9	
KONA IKAILUA 168.3	MAX MIN		82 67	79 71	80 67	80 66	80 70			81 69	81 68	81 68	82 69			82 74	80 69	76 67	78 67	79 68			82 68	82 71	83 70	80 67	81 69			83 75			
KULANI CAMP 79	MAX MIN	61 46	64 43	60 49	63 46	62 42	65 48	64 47	62 44	64 47	62 46	63 50	63 50	59 48	60 45	60 48	60 43	63 50	66 49	64 50	60 48	64 45	68 45	68 50	65 42	60 43	61 43	63 47	64 51	60 45		62.7 46.8	
MAUNA LOA SLOPE OBS	MAX MIN	55 40	61 40	57 42	56 40	57 41	57 38	56 38	56 39	58 40	61 44	57 43	57 43	58 43	61 42	58 41	55 42	55 40	52 37	53 37	55 38	52 39	51 37	55 37	60 41	58 38	55 39	53 38	49 35	54 33		56.0 39.4	
MOUNTAIN VIEW 91	MAX MIN	79 59	79 57	79 57	77 59	71 59	75 59	77 56	77 56	77 56	78 60	76 59	74 60	71 60	75 59	75 59	74 59	78 60	78 61	78 60	78 58	78 58	78 58	76 61	78 58	75 62	74 61	72 59	75 56	79 56		76.2 58.5	
NAHALEHI 14	MAX MIN		78 65	77 64	79 64	75 65	80 66			80 64	81 66	80 66	78 67			77 65	76 66	79 66			75 65	81 66		83 66	78 69		76 66	79 64		83 65			
OOKALA 223	MAX MIN	81 64	81 65	81 67	80 65	78 65	79 65	78 67	78 67	79 66	79 66	79 66	80 66	80 64	80 64	80 65	80 65	80 66	80 63	80 68	80 68	82 72	81 71	81 69	80 65	78 64	80 66	80 65	79 66	81 66		79.7 66.1	
OPITHALE 2 24.1	MAX MIN	73 63	74 61	74 61	75 60	74 62	75 61	72 63	71 63	78 62	75 63	75 62	75 63	73 63	75 63	75 63	77 62	75 63	76 59	77 59	78 59	80 61	80 65	79 63	75 63	78 62	79 58	75 58	78 58	77 60		75.8 61.5	
PAHALA 21	MAX MIN		75 59	78 59	78 60	76 60	78 60	78 60	79 59		80 61	79 63	78 63	77 62			79 61	79 59	78 61			74 63	76 61	76 61	82 61	81 62	79 63	78 61	80 61	79 60	81 61		78.3 60.9
PUAKO 95.1	MAX MIN	84 65	81 70	84 69	84 69	84 68	85 71	84 70	86 67	85 70	83 70	82 71	82 71	84 67	83 71	83 71	82 70	80 68	83 67	84 66	80 65	83 65	82 66	83 68	85 70	88 71	87 69	88 70	85 70	85 68		83.8 68.6	
UPOLU POINT USCG 159.2	MAX MIN	81 68	80 67	81 69	80 66	79 65	79 67	81 66	81 66	81 67	82 67	81 66	81 66	80 67	80 67	81 67	83 64	81 67	81 67	81 65	82 65	80 68	81 68	81 71	79 68	79 66	77 65	80 60	82 68	79 67	82 65		80.5 66.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JUNE
1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND	MAX MIN	89 74	87 75	87 75	88 73	85 73	87 74	88 71	88 73	87 74	86 72	88 72	89 74	86 73	89 72	90 70	87 71	88 73	88 75			88 72	90 73	89 71	90 73	91 71	91 72		87 71			88.1 72.7		
JOHNSTON WSO AP	MAX MIN	81 76	82 76	82 76	82 74	83 74	83 74	82 75	82 75	82 77	83 77	83 76	82 75	82 75	82 76	81 73	82 71	82 75	82 77	82 77	83 77	82 77	82 76	82 72	83 76	81 77	82 74	80 75	82 76	82 77		82.0 75.4		
LEONE	MAX MIN																																	
FRENCH FRIGATE SHOALS	MAX MIN			84 73	84 70	84 72	86 67	84 69	82 68	82 70	83 72	84 69							81 68	86 74	90 70	85 70	82 73	82 75	82 72	81 70	81 70	81 72	82 73	81 75		83.2 71.0		
MIDWAY SAND ISLAND	MAX MIN																																	
PAGO PAGO WSO AP	MAX MIN	83 79	85 79	83 79	84 79	84 78	83 78	85 78	84 76	86 73	85 69	84 70	83 70	78 72	83 70	84 69	85 70	85 75	85 71	84 74	84 72	83 78	81 74	83 77	85 77	84 79	86 78	85 72	83 69	85 70	84 78		83.9 74.4	
SWAINS ISLAND	MAX MIN																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM	MAX MIN	87 78	85 78	85 78	85 79	87 79	87 79	87 79	86 79	86 80	86 79	86 78	83 77	86 79	86 79	86 78	86 78	85 78	86 80	87 80	87 80	86 78	86 77	86 77	84 78	85 78	84 77	84 78	84 77	84 78		85.6 78.4		
CLARK AFB LUZON	MAX MIN	91 73	90 75	90 73	90 72	88 72	88 75	90 73	90 73	91 75	93 75	91 72	91 72	90 73	90 75	82 73	88 74	90 73	91 75	90 75	93 77	90 75	91 77	90 77	86 77	90 77	82 70	86 73	90 75	90 75	91 72	86 72		89.3 73.8
GUAM NAS	MAX MIN																																	
GUAM WSO	MAX MIN	89 68	90 73	90 75	90 71	90 74	90 73	91 75	90 75	89 72	90 72	90 71	89 72	87 74	88 75	89 74	88 76	88 74	88 73	89 76	88 77	89 74	90 72	87 72	88 73	88 69	88 69	86 74	88 70	88 70		88.8 73.0		
SAIPAN USCG LORAN	MAX MIN																																	
WAKE WSO AP	MAX MIN	88 75	88 75	89 74	89 77	90 76	89 77	89 77	88 78	88 75	89 77	89 75	89 75	88 73	88 76	89 75	88 74	89 76	89 74	88 77	88 76	89 77	90 77	89 77	89 75	90 77	90 77	89 78	89 77	88 76	84 75		88.7 75.9	
CAROLINE AND MARSHALL ISLANDS																																		
ENIWETOK	MAX MIN	90 78	90 80	88 78	88 80	84 80	88 80	89 80	87 84	89 84	87 79	87 82	88 82	89 80	88 80	88 80	86 80	87 81	88 80	86 80	86 80	89 78	87 80	89 80	89 80	88 79	89 79	88 80	87 80	87 80	88 74		87.8 79.9	
FALALOP I. ULITHI	MAX MIN	88 78	88 77	87 75	88 79	86 80	88 79	88 76	88 76	86 80	86 78	87 79	87 79	88 82	87 76	89 76	86 80	87 76	89 83	87 80	88 70	86 77	87 78	87 79	85 79	86 75	86 80	86 80	86 83	84 81	87 79		86.9 78.3	
KAPINGAMARANGI ATOLL	MAX MIN																																	
KOROR WSO	MAX MIN	90 76	89 78	88 76	82 75	82 74	89 76	88 76	85 75	88 76	88 76	84 74	89 74	88 75	88 76	89 76	85 75	89 76	88 75	87 75	88 75	90 75	80 75	87 74	85 74	88 76	88 75	89 76	85 75	87 74		87.0 75.3		
KWAJALEIN WSO AP	MAX MIN	87 79	86 79	86 77	86 77	85 72	87 76	87 80	86 78	86 76	84 78	87 78	87 75	86 75	86 77	87 77	86 78	86 77	85 76	85 76	86 78	86 76	82 75	82 75	82 76	85 73	87 74	87 75	84 76	86 78		85.7 76.5		
LELE I. KUSAIE	MAX MIN																																	
MAJURO WSO AP	MAX MIN	85 77	83 75	85 77	85 75	84 74	86 76	85 80	85 75	83 74	83 76	85 74	83 76	83 75	85 78	84 74	85 75	83 76	85 77	85 77	84 74	85 77	84 76	83 75	83 75	84 76	81 76	81 76	80 75	80 74		83.9 75.5		
METALANIM	MAX MIN	88 85	89 80	82 81	84 81	87 75	79 75	79 75	79 81	81 75	78 78	82 79	87 81	88 84	85 81	88 82	86 82	85 76	83 77	86 82	86 82	86 77	86 77	81 76	81 76	85 77	86 80	86 80	86 80	87 80		84.3 79.1		
PONAPE WSO	MAX MIN	89 73	81 74	85 76	88 77	85 74	86 76	87 76	86 76	89 79	88 75	89 74	88 75	89 75	87 72	88 70	88 78	81 75	88 74	86 75	85 74	88 75	82 73	78 73	88 71	82 73	85 71	85 73	89 72	89 72		86.0 74.3		
TRUK, MOEN I. WSO AP	MAX MIN	88 77	88 79	89 77	87 76	87 75	85 74	87 77	86 77	87 79	88 79	87 79	88 79	86 75	86 73	86 75	87 78	86 75	86 77	86 75	88 75	82 75	82 76	88 74	88 77	85 72	85 72	84 77	88 78	87 75		86.3 76.0		
WOLEAI ATOLL	MAX MIN																																	
YAP WSO AP	MAX MIN	88 74	88 75	88 76	88 77	88 72	87 72	88 70	87 74	82 65	87 75	87 75	86 72	84 70	87 74	88 70	88 74	87 76	86 74	87 72	86 76	86 76	87 72	86 74	84 70	81 74	88 76	88 71	87 72	86 74		86.5 73.2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JUNE 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
ISLAND OF KAUAI																																
LIMU WSO 1020-1 AP	EVAP	.36	.40	.41	.29	.34	.39	.41	.40	.39	.44	.45	.37	.36	.38	.41	.42	.38	.35	.37	.29	.42	.37	.35	.35	.34	.37	.36	.36	.34	.30	11.17
	WIND	197	235	221	151	162	192	193	204	226	262	232	195	213	242	248	269	216	156	137	130	199	190	176	231	258	249	231	240	217	205	6277
	MAX	75	76	77	76	78	85	85	86	85	84	85	85	85	83	84	81	84	86	87	82	87	85	90	86	82	82	83	85	85	86	83.3
	MIN	65	64	64	64	61	63	63	63	63	64	64	64	65	64	64	64	64	65	63	64	64	64	65	66	66	64	64	64	64	64	64.0
ISLAND OF OAHU																																
HONOLULU OBSERV 702-2	EVAP	.30	.36	.30	.40	.30	.30	.34	.40	.39	.45	.39	.36	.32	.26	.31	.35	.42	.31	.39	.32	.36	.45	.45	.35	.45	.32	.45	.30	.30	.45	10.85
	WIND	32	34	36	37	34	24	50	29	36	48	34	33	29	35	45	40	38	26	29	27	35	31	35	52	53	47	42	38	39	35	1103
	MAX	98	98	84	88	88	88	88	89	89	90	89	88	87	85	88	87	90	89	88	89	90	90	92	92	90	91	91	91	91	91	89.6
	MIN	64	64	62	63	63	65	65	63	65	65	65	66	66	65	65	55	65	65	65	66	66	64	65	65	67	64	65	65	65	67	64.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JUNE 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO		EVAP	.36	.35	.31	.36	.34	.38	.34	.40	.35	.29	.34	.33	.31	.28	.30	.29	.30	.30	.39	.33	.30	.24	.27	.25	.28	.24	.28	.24		9.29	
	WIND	116	84	130	127	132	144	149	175	161	132	111	104	121	133	125	180	156	168	202	161	202	159	115	100	95	64	79	93	65	64	3848	
	MAX	88	92	89	91	91	90	89	89	88	89	90	90	86	88	88	88	88	87	87	88	87	89	91	85	89	90	88	88	91	92	88.9	
	MIN	69	69	69	68	69	70	71	70	70	70	70	69	70	71	70	72	71	70	70	71	72	69	70	70	71	70	70	70	70	70	70.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAOH A 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	A 0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAOH 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ISLAND OF MAUI												
ILIILILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILMAKER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
ISLAND OF OAHU												
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUALIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAHUEA 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
ISLAND OF MAUI												
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
ISLAND OF MAUI												
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
ISLAND OF OAHU												
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 05	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID			NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 57	25		8A			LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724 13	2842	02	OAHU	2	21 18	157 41	75					GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240					MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20					DEAN FUJII
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40					THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUAPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUAPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS PUUOHOKU RANCH MOLOKAI RANCH
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCGRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NATL PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	
HALIIMALE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUOLA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO HANA RANCH MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF MAUI													
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			C	KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO				HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A				PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A				ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A				PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A				WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A				WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO				E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR				EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A				WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A				WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C				HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			C	W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A				NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A				HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A				MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO				HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO				KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO				MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A				HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A				KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A				REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO				STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A				CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040						SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A				SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A				MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A				MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO				STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO				STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A				HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340		7A			C	KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A				CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700						RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A				KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A				FLOYD W MC COY
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR				HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI				HAWAIIAN RANCH CO
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A				PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A				HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR				DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			C	HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A				PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700						KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450						GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280						STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI				KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO				STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI				MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A				KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A				K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			C	HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A				STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A				KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A				LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A				HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A				HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A				ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI				MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI				ST DEPT OF SOCIAL SER
LALAMILO FLO OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615						STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			C	KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650						STATE DIV OF PARKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAKALAPU 103		5761	02	HAWAII	1	19 59	155 33	3820		5A		PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		WI		STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P		MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A		MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A		KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR		KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		M0		HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A		PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A		KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A		KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A		KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A		LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A		MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR		BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		8A	C	HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A		LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A		KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A		PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		M0		HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A		MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A		MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		M0		STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR	C	STATE DIVISION OF PARKS
PURAO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A		ERWIN H. RAPP
PUU KIH 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		M0		KUKAIAU RANCH CO
PUU LAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		M0		STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		M0		W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		M0		KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI	C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A	C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM		BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI	C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A		KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A		U S COAST GUARD
WAIKAKA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A		SHINICHI KANESHIRO
WAIKANONOUA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830			C	KAHUA RANCH
NEW STATIONS												
ISLAND OF HAWAII												
KALAOA 69.22		2887	04	HAWAII	4	19 44	155 59	2000		8A		FLOYD W MC COY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
										Max.		Min.							Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	50 or More	1 00 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
										90° or Above	80° or Above	70° or Above	60° or Above	50° or Above															40° or Above	30° or Above	20° or Above	10° or Above	0° or Above	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below	Below

See Reference Notes Following Station Index

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days				
										Max.	Min.	Total	Departure From Normal					Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	5 or More	1 or More
PACIFIC																									
* * * MAY 1974																									
KAPINGAMARANGI ATOLL	87.4	75.5	81.5		91	29	70	10		6	0	0	0	10.73		2.62	8	.0	0		14	8	3		
* * * JULY 1974																									
ENIWETOK	89.4	78.8	84.1	1.4	96	23+	71	1		11	0	0	0	3.84	- 3.03	.62	1			11	1	0			
SWAINS ISLAND	86.7M	69.5M	78.1M		89	31+	63	9		0	0	0	0			1.23	9	.0	0	10	2	2			
SAIPAN USCG LORAN	88.3M	74.4M	81.4M		91	29+	69	22		6	0	0	0	5.83		1.02	4	.0	0	13	4	1			
WOLEAI ATOLL	89.1	72.9	81.0		91	29+	69	13		11	0	0	0	9.30		1.51	29	.0	0	15	9	3			
* * * AUGUST 1974																									
ENIWETOK	88.8	75.2	82.0	- 1.0	95	23	69	11		8	0	0	0	14.70	7.47	2.57	15	.0	0	21	9	5			
GUAM NAS	84.1	76.9	80.5	- .7	89	25+	75	21+		0	0	0	0	21.42	9.54	4.53	12	.0	0	17	10	8			
SWAINS ISLAND	88.0	72.3	80.2		90	31+	69	28+		7	0	0	0	.76		.10	28	.0	0	1	0	0			
SAIPAN USCG LORAN	87.5	76.6	82.1		90	24+	72	26		2	0	0	0	16.00		2.37	26	.0	0	16	10	8			
WOLEAI ATOLL	87.5	73.6	80.6		90	29+	65	3		5	0	0	0	14.65		3.49	10	.0	0	17	9	4			
* * * SEPTEMBER 1974																									
ENIWETOK	90.4	77.3	83.9	.8	95	13	73	30+		20	0	0	0	10.37	2.54	2.66	29	.0	0	12	7	3			
GUAM NAS	86.0	79.0	82.5	1.5	90	1	77	21+		1	0	0	0	8.25	- 5.88	4.92	20	.0	0	8	3	2			
KAPINGAMARANGI ATOLL	88.2	75.2	81.7		92	14	70	29		5	0	0	0	1.90		1.57	19	.0	0	3	1	1			
SWAINS ISLAND	87.8	71.1	79.5		90	27+	68	30+		4	0	0	0	4.11		.62	21	.0	0	17	2	0			
SAIPAN USCG LORAN	88.3	74.4	81.4		91	14	68	14		5	0	0	0	11.98		2.51	20	.0	0	17	10	3			
WOLEAI ATOLL	89.4	72.3	80.9		91	29+	69	2		15	0	0	0	6.27		2.00	4	.0	0	9	5	2			
* * * OCTOBER 1974																									
ENIWETOK	88.2	75.5	81.9	- .9	90	16+	72	27+		2	0	0	0	11.29	1.38	1.68	14	.0	0	20	9	3			
KAPINGAMARANGI ATOLL	88.4	75.5	82.0		91	11	73	29		7	0	0	0	2.69		1.15	28	.0	0	5	2	1			
SWAINS ISLAND	87.7M	71.0M	79.4M		90	24+	68	24+		4	0	0	0			2.69	9	.0	0						
SAIPAN USCG LORAN	88.4	74.6	81.5		91	11	68	20+		8	0	0	0	11.96		2.90	23	.0	0	16	6	3			
WOLEAI ATOLL	88.6	72.6	80.6		94	13	65	31		11	0	0	0	17.15		4.77	24	.0	0	16	11	6			
* * * NOVEMBER 1974																									
FALALOP I. ULITHI	80.4	76.4	78.4		89	30	70	29		0	0	0	0	12.01		2.85	22	.0	0	18	7	3			
KAPINGAMARANGI ATOLL	87.9	75.3	81.6		90	24+	71	14		4	0	0	0	6.21		1.36	14	.0	0	8	5	2			
SAIPAN USCG LORAN	87.8	76.0	81.9		89	25+	70	30+		0	0	0	0	7.43		2.73	4	.0	0	12	2	2			
WOLEAI ATOLL	89.0	75.0	82.0		90	24+	67	4		13	0	0	0	4.66		2.00	21	.0	0	7	4	1			
* * * DECEMBER 1974																									
WAKE WSO AP	83.7	72.8	78.3	- .3	86	12+	68	28		0	0	0	0	1.73	.00	.35	19	.0	0	6	0	0			
* * * JANUARY 1975																									
MOKIL ATOLL														.03	- 5.68	.02	21	.0	0	0	0	0			
* * * FEBRUARY 1975																									
KAPINGAMARANGI ATOLL	87.9	75.4	81.7		91	27+	73	14		3	0	0	0	12.77		3.98	10	.0	0	14	7	3			
FRENCH FRIGATE SHOALS	79.2M	65.0M	72.1M	1.3	87	2	61	4		0	0	0	0	1.07	- 1.84	.53	9	.0	0	3	1	0			
MOKIL ATOLL														.20	- 3.77	.09	22	.0	0	0	0	0			
* * * MARCH 1975																									
ENIWETOK	85.4	79.3	82.4	1.0	88	24	77	25+		0	0	0	0	.48	- 1.08	.27	29	.0	0	1	0	0			
FALALOP I. ULITHI	86.2	77.1	81.7		88	26	74	12+		0	0	0	0	2.95		1.47	16	.0	0	3	2	1			
KAPINGAMARANGI ATOLL	87.9	75.7	81.8		91	15	72	15		6	0	0	0	12.35		3.10	24	.0	0	15	7	4			
LELE I. KUSAIE	87.6M	74.1M	80.9M	- .3	90	10+	69	28+		2	0	0	0	12.00	- 7.94	2.17	14	.0	0						
FRENCH FRIGATE SHOALS	80.4M	66.6M	73.5M	2.4	84	6+	63	28		0	0	0	0	.91	- 2.87	.41	31	.0	0	4	0	0			
MOKIL ATOLL														.30	- 3.66	.06	3	.0	0	0	0	0			
SAIPAN USCG LORAN	86.4	71.7	79.1		88	31+	65	24		0	0	0	0	4.33		1.30	30	.0	0	10	2	1			
* * * APRIL 1975																									
ENIWETOK	85.8	77.6	81.7	- .5	88	26+	74	27+		0	0	0	0	.88	- 1.23	.38	27	.0	0	4	0	0			
FALALOP I. ULITHI	86.1	76.4	81.3		89	3	67	20		0	0	0	0	8.31		2.81	19	.0	0	11	5	3			

See Reference Notes Following Station Index

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	75° or Above	50° or Above	32° or Above														
GUAM NAS KAPINGAMARANGI ATOLL LELE I. KUSAIE MOKIL ATOLL MIDWAY SAND ISLAND SAIPAN USCG LORAN WOLEAI ATOLL * * * MAY * * 197*	84.1 87.6 88.3 73.7 87.0 86.9	77.8 76.2 73.0 64.4 73.0 76.1	81.0 81.9 80.7 69.1 80.0 81.5	.2 - .2 1.5 																							

See Reference Notes Following Station Index

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station		Total	Day of Month																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																		
* * *																																		
JULY 1974																																		
KAAHAPALI AP 453.1	.18															.06	.03	.07				.02	T											
KFAWAKAPU BEACH 240.2	T																												T	T				
* * *																																		
AUGUST 1974																																		
KAAHAPALI AP 453.1	.03				.03								T	T	T																			
KFAWAKAPU BEACH 240.2	T																													T				
* * *																																		
SEPTEMBER 1974																																		
KAAHAPALI AP 453.1	.32			.01		.11									.20	T																		
KFAWAKAPU BEACH 240.2	.07					.07									T																			
* * *																																		
OCTOBER 1974																																		
KAAHAPALI AP 453.1	.90																																	
KFAWAKAPU BEACH 240.2	.00																																	
* * *																																		
NOVEMBER 1974																																		
KAAHAPALI AP 453.1	6.27								.01	.01	T		T	T	.23		.08	.01	.18	.41			.01	.71	1.04	3.37	.01							
KFAWAKAPU BEACH 240.2	.59								T										T	.59	T			T									T	
* * *																																		
JANUARY 1975																																		
MOUNT WAIALEALE 1047	R 92.94	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	60.00						.04	.39			1.44	.47	.04	.16	.35	4.96	10.94	13.15
* * *																																		
FEBRUARY 1975																																		
KOOLAU DAM 833	A 8.05	4.90	.46	.03	.04	.04					.12				.03	.11	.03	.40	.48		.05	.15		.72	.09	.06			.14	.20				
LANAI AIRPORT 656	6.55	.30	.03	.20		.05					.24	.34			.06			.31	.02															
MOLOKAI AP 524	6.50	3.20	.70	.05	1.23	.08					T	.24	.27	.05	.03	T		.18	.05	T						.01			.35	.06				
MOUNT WAIALEALE 1047	R 14.54	.35	.04		.83						.71	3.35	1.93	.67	2.92	1.46	.47				.16	.24		1.85	.04				.71	3.54	.16			
* * *																																		
MARCH 1975																																		
LANAI AIRPORT 656	1.73					.03																									.50	.55	.65	
MOLOKAI AP 524	4.53			.02	.14	.03	.02												.02			.01	.02	T						.96	2.32	.11	.68	
MOUNT WAIALEALE 1047	R 38.04	.04	.39	.63	.47	.12	2.79	.75	.55	2.79	2.28	6.22	3.35	1.06	.94	2.60	.43	.28			.20	.43	.31	2.91	2.68	.35	.43	.04	.71	3.54	.16		.59	
* * *																																		
APRIL 1975																																		
LANAI AIRPORT 656	1.22						.18	.76	T		T	.08			.08	T																		
MOLOKAI AP 524	.49		.02					.06							.36										.04	.01								
MOUNT WAIALEALE 1047	R 1.48	* 1.26	* 1.26	* 2.80	* 1.77	* 2.20	* 3.43	* 2.01	* 1.77	* 4.57	* .16	* .16	* .04	* .31	* .31	* 1.22	* .43	* 2.05	* 1.10	* .91	* .51	* 1.14	* 1.18	* .91	* 2.40	* .92	* 2.32	* 3.62	* *	* *	* *			
PHU LAU 102.1	A																																1.48	

See reference notes following Station Index

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station	Total	Day of Month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
• • •																																		
MAY 1974																																		
KAPINGAMARANGI ATOL	10.73			.52	.3A	.80		.09	2.62	.07	.42	.53	.03	.03	.09	1.34	.86	1.23		.58			.10	.11	.08	.06	.07	.03	.02	.21		.48	.	
• • •																																		
JULY 1974																																		
ENIWEOTOK	3.84	.02	.45		.28	.41	.34	.03		.02	.01	.46	.09	.01	.01	.01	.01	.12			.22	.09					.02	.23	.01	.10	.07	.24	.	
SWAINS ISLAND	-	.16	.19	1.02			.02	.10	1.23	.42		.05		.15	.24	.22	.12	.05			.02											.03	.	
SAIPAN JSFC LORAN	5.83	.44	.63	.35	1.07	.12	.77	.10			.01			.95						.20	.07	.04			.35						.18	.38	.	
WLELAT ATOLL	9.30	.59	.05		1.19	.27		.40	.51	.05	1.05	.22			.41	.82	.07		.62	.51			.29		.35				.25	1.51			.	
• • •																																		
AUGUST 1974																																		
ENIWEOTOK	14.70	.95	.12	.39	1.01	.23	.32	.01	.26	.34	2.06	1.85	.12	.02	2.37		.30	.23	.23	.78	.33	.04		1.25		.74	.02	2.95	.18	.13	.18	.		
GIAM NAS	21.42	.06	.01	.64	.11	.05	.46	.02		.37	3.74	4.53	1.09	1.02	.73	1.47	.05	.21	.04	.04	1.37	T							.45	.22	.01	.18	.	
SWAINS ISLAND	.70				.04	.03	.09			.03	.04	.05	.03	.02	.02		.02	.08		.02	.05	.02							.03	.10	.07	.02	.	
SAIPAN JSFC LORAN	16.00	.32	.03	1.48	.14	.08	.10	.21	.02	.23	.03	.68	.02	1.35	1.97	1.01	1.19	.35	.06		.01	.01	.03	.07			2.37	1.71	1.86	.66		.01	.	
WLELAT ATOLL	14.65	.35	1.26	1.41	.38	.12		.75	.06	3.49	.93	.61	T				.62			.35	2.49	.08	.33		.41				.03	.16	.21	.61	.	
• • •																																		
SEPTEMBER 1974																																		
ENIWEOTOK	10.37	.18	.99	.20	.67	.26		.57	1.12			.27		.01		.01	.05		.11				.09		.40	.03	2.04	.77	2.66	.05			.	
GIAM NAS	8.25	.58	.08	T	.06	.15	T	.07	T			1.20					.05	.05	.11		4.92	.45		T		.12	.07	.06	.30	.03			.	
KAPINGAMARANGI ATOLL	1.90									.03		.03					.17	.22	.10		1.57	.10											.	
SWAINS ISLAND	4.11	.03	.10	.08	.06	.03	.05	.04	.17	.02	.10		.11	.08	.10		.18	.22	.10	.33	.04	.62	.15	.03	.19	.53	.20	.15	.03	.22	.15		.	
SAIPAN JSFC LORAN	11.98	.02	.02	.71	.33	.52	.05	.33	.01	.33	.40	.67	1.09		.01	.14	.01	.01	.76	.83	2.31	1.11	.01	.13	.06	.06	.70	.24		.92			.	
WLELAT ATOLL	6.27	.09		2.00				.05				1.00		.41	.09		.65	.51					.27		.25	.69		.26					.	
• • •																																		
OCTOBER 1974																																		
ENIWEOTOK	11.29	.65	.16	1.56	.20	.28	.10	.75		.06	.07	.28	.63	1.68	.37		.38	.56	.09	.02	.08	.59		.02	.02	1.16	.61	.24	.03	.12	.42		.16	.
KAPINGAMARANGI ATOLL	2.69	.03		.05			.02	.02									.42	.18					.02						.20	1.15	.60			
SWAINS ISLAND	-	.09	.24	.19	.04	.97	.52	.05	.36	2.69	.17	.03	.35	.45	.03	.07	.13	.06		.08	.10	.89	.04	.05	.31	.27	.19	.29	-	-	-	-	.	
SAIPAN JSFC LORAN	11.96	.07		.06		.07	.08	.68	1.12	.07	.19	.09	.64	.18	.19	.08	.16	.36		.09	.44	.03	.07	2.90	2.42	.92	.10	.21	.45	.21	.06	.02		.
WLELAT ATOLL	17.15			2.61	.06		.85	.29	1.20		.42	.80				.44			.20	1.00	.02	.10		.07	4.77	2.12	.20	1.40		.20			.40	.
• • •																																		
NOVEMBER 1974																																		
FALLALOP IS ULITHI	12.01	.40	1.89	.07	.27	.90	.77	.22	.11	.10	.81			.04	.03	.05	.16	.39	.19	.50	.38	2.85	1.17	.49	.07			.19		.05			.	
KAPINGAMARANGI ATOL	6.21	.07												.05	1.36	.84	.03	.05	.04	.37	.76	.60	1.19					.46		.33		.		
SAIPAN JSFC LORAN	7.43	.42	.46	1.84	2.73	.01	.22	.08	.01	.03	.13	.02	.04	.05	.02	.23	.21	.11	.25	.14	.33	.01	.01			.03	.02	.02	.01	.01			.	
WLELAT ATOLL	4.66	.39		.15			.20	.70			.58											.61			.03								.	
• • •																																		
DECEMBER 1974																																		
MAKE WSO AP	1.73	.02	.05	.17		.33	.01	.03	T				.04		T		.10		T	.35	.02			.30	.01	.01	T		.14	.08	.03	.04	.	
• • •																																		
JANUARY 1975																																		
MPKI ATOLL	.03				T			T	T	T	T									T	T	.01	.02	T		T							.	
• • •																																		
FEBRUARY 1975																																		
KAPINGAMARANGI ATOL	12.77				1.07		2.02	.12	3.98	.54	.14	1.23	.05	.06	1.61	.23	.46		.05	.62	.12		.09		.23	.15		.05	.04				.	
FRENCH FRIGATE SHOALS	1.07	.05	.05	.15					.53								.08	.10					.02										.	
MPKI ATOLL	.20				T	T	T							T					.08	T	.03	.09	T		T							.		
• • •																																	.	
MARCH 1975																																		
ENIWEOTOK	.48	.07		.01		.04	.01																.08		.02	.05	.01	.27	.06				.	
FALLALOP IS ULITHI	2.95	.04	.32		.07							.05					1.47					.08		.08	.11	3.10	.04	.93		.02	.05	.85		.
KAPINGAMARANGI ATOLL	12.35	.11	.12	T	.07	.71	.15	.21	.13	T	T	.03	.05	.05	.66	.03		.06	.15	T	.01	T	.03		.29								.	
GIAM NAS	2.31	.20	.03				.03			.09	.24	.15	3.43	.06			.17	.21	.92	.04	.38	1.65	4.05	1.53	.25	.80	.04						.	
LELE IS KUSAIF	13.14	.43		.10			.41	.39	.07	.05	1.13	1.67	.01	1.87		1.17	1.50	.50	.37	.17														

HAWAII AND PACIFIC

A-6

LATE REPORTS DAILY TEMPERATURES

HAWAII AND PACIFIC

Station		Day of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC	MAX																																	
* * *	MAX																																	
MAY 1974	MAX																																	
KAPINGAMARANGI ATOLL	MAX	85	85	87	85	90	88	87	84	86	85	85	86	88	88	84	83	84	88	89	90	90	89	89	89	90	88	88	88	88	91	90	89	87.4
	MIN	74	76	76	74	75	75	75	72	75	70	75	75	74	75	72	72	74	78	75	78	78	76	78	79	78	76	78	77	75	78	77	75.5	
* * *	MAX																																	
JULY 1974	MAX																																	
ENIWETOK	MAX	84	86	88	87	85	88	87	89	88	88	89	87	88	88	87	89	89	90	91	96	96	85	96	94	91	95	93	92	89	90	87	89.4	
	MIN	71	73	78	78	82	80	85	78	87	79	87	77	85	79	78	79	78	79	80	78	78	78	78	76	79	77	76	78	78	78	76	78.8	
SWAINS ISLAND	MAX	84	88	85	88	89	87	81	86	78	85	85	87	88	88	87	84	86	88	88	88	88	86	89	88	88	88	89	88		88	89	86.7	
	MIN	67	71	69	71	71	70	65	69	63	68	68	70	71	71	70	68	69	70	70	71	70	69	71	70	70	70	71	70		71	72	69.5	
SAIPAN USCG LORAN	MAX	84	88	86	86	87	87	86	88	89	88	89	89	88	87	87	88	88		88	89	89	89	89	87	89	91	90	90	91	90	90	88.3	
	MIN	73	74	76	74	73	73	75	77	75	74	74	74	79	77	72	76	76		76	74	70	69	75	76	75	74	75	73	74	74	76	74.4	
WOLEAI ATOLL	MAX	89	89	89	89	90	89	89	90	90	90	90	85	88	90	91	89	85	90	89	89	89	89	89	89	89	86	91	91	91	89	89	89.1	
	MIN	72	73	72	71	73	73	74	72	73	74	74	73	69	71	72	71	70	70	72	76	74	79	74	70	74	72	71	76	74	77	74	72.9	
* * *	MAX																																	
AUGUST 1974	MAX																																	
ENIWETOK	MAX	89	88	89	90	89	89	88	87	88	87	89	80	87	87	91	85	88	88	89	86	94	94	95	89	84	87	93	93	94	88	89	88.8	
	MIN	74	79	77	75	77	80	77	72	71	70	69	75	75	80	75	80	70	77	75	73	73	77	77	72	72	72	79	75	74	79	79	75.2	
GUAM NAS	MAX	85	84	89	85	85	88	87	85	84	82	81	82	81	80	82	79	85	81	81	83	87	89	88	84	89	82	82	83	85	85	85	84.1	
	MIN	78	77	78	78	78	78	77	77	78	76	76	75	75	75	75	76	75	78	76	75	75	77	78	78	79	78	77	77	78	79	78	76.9	
SWAINS ISLAND	MAX	89	88	88	87	89	88	87	90	90	88	88	85	89	90	88	89	88	86	89	88	86	87	90	90	89	90	89	88	89	82	90	88.0	
	MIN	72	71	70	70	70	71	72	74	75	72	70	70	74	75	75	73	74	70	74	73	69	71	74	75	73	74	75	69	74	70	73	72.3	
SAIPAN USCG LORAN	MAX	88	89	88	88	88	89	89	89	89	89	89	85	88	82	85	86	87	88	88	87	88	88	88	87	90	90	83	83	87	88	88	87.5	
	MIN	74	78	75	76	76	75	77	77	77	77	77	78	82	76	77	76	78	77	76	77	80	79	76	74	74	72	78	76	76	80	73	76.6	
WOLEAI ATOLL	MAX	90	90	86	86	87	88	86	88	85	87	82	82	84	88	90	89	89	88	88	88	90	87	89	87	88	88	89	89	90	85	87	87.5	
	MIN	74	72	65	79	72	76	71	73	71	73	71	70	74	81	81	74	75	76	75	78	73	70	71	72	72	75	78	77	75	67	72	73.6	
* * *	MAX																																	
SEPTEMBER 1974	MAX																																	
ENIWETOK	MAX	92	92	85	88	90	91	91	89	91	92	93	93	95	92	91	92	89	89	91	90	88	90	90	90	89	89	90	88	94	88		90.4	
	MIN	79	73	74	79	76	81	77	74	78	79	77	81	82	79	74	74	81	78	78	80	77	76	80	79	77	77	75	76	74	73		77.3	
GUAM NAS	MAX	90	89	84	85	85	85	84	85	85	85	86	86	88	85	85	86	89	87	86	85	84	88	87	86	86	85	85	87	87	87		86.0	
	MIN	77	82	77	78	78	79	78	78	78	79	79	79	78	79	80	79	80	79	78	78	77	81	80	80	81	80	80	78	79	80		79.0	
KAPINGAMARANGI ATOLL	MAX	88	85	88	87	89	86	88	87	88	89	88	88	89	92	90	91	91	88	85	84	89	88	89	90	89	89	88	87	87	88		88.2	
	MIN	74	75	77	76	74	75	76	75	74	78	75	75	74	80	75	75	75	74	72	75	76	74	78	75	76	76	76	72	70	75		75.2	
SWAINS ISLAND	MAX	89	89	86	87	88	89	88	89	90	87	89	87	86	88	87	82	87	87	86	90	89	86	90	89	86	88	90	87	86	86		87.8	
	MIN	72	73	69	72	74	74	70	74	73	70	74	69	70	70	72	72	70	69	69	74	69	68	75	69	70	73	73	70	68	68		71.1	
SAIPAN USCG LORAN	MAX	89	89	89	86	87	88	87	88	86	88	86	88	88	88	88	89	87	91	88	89	89	88	90	88	88	88	90	88	90	90		88.3	
	MIN	72	75	74	75	76	74	75	75	79	79	75	74	73	68	74	78	77	75	74	72	70	75	74	72	73	74	75	73	74	76		74.4	
WOLEAI ATOLL	MAX	88	90	90	90	88	89	89	88	89	89	90	90	88	89	89	89	89	89	90	90	89	90	90	89	90	90	89	90	91	90		89.4	
	MIN	71	69	72	70	72	72	79	70	71	73	70	72	71	72	73	74	70	75	70	70	72	75	73	72	72	75	74	73	73	73		72.3	
* * *	MAX																																	
NOVEMBER 1974	MAX																																	
ENIWETOK	MAX	89	87	88	89	89	88	88	88	88	89	90	88	88	89	87	90	87	88	89	88	88	88	89	88	87	87	87	89	88	89	88	88.2	
	MIN	73	74	76	73	78	75	78	80	74	80	77	76	73	76	74	72	72	73	79	78	77	81	79	72	76	74	72	74	74	76	76	75.5	
KAPINGAMARANGI ATOLL	MAX	89	89	86	88	88	89	88	90	90	88	91	90	8																				

HAWAII AND PACIFIC

A-8

CORRECTIONS

HAWAII

DATE	TABLE	DIVISION	STATION	CORRECTION
ANNUAL 1974	TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL	ISLAND OF OAHU	KAILUA FIRE STATION 791.3	OCTOBER PRECIPITATION, 2.31; ANNUAL 42.17.
JANUARY 1975	DAILY PRECIPITATION	ISLAND OF HAWAII	POHAKULOA	15th THROUGH 31st, *.

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLA 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 9/5/75-970

156°

40°

20°

155°

HAWAII

HAWAII

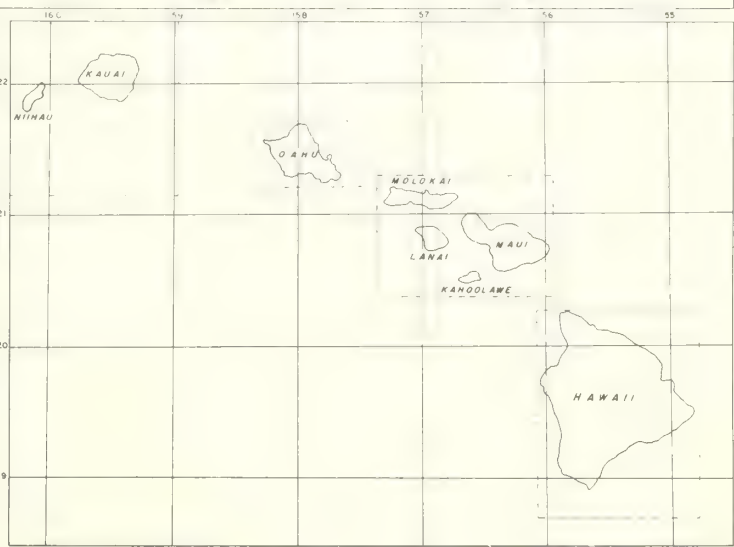
PLATE 2
STATUTE MILES

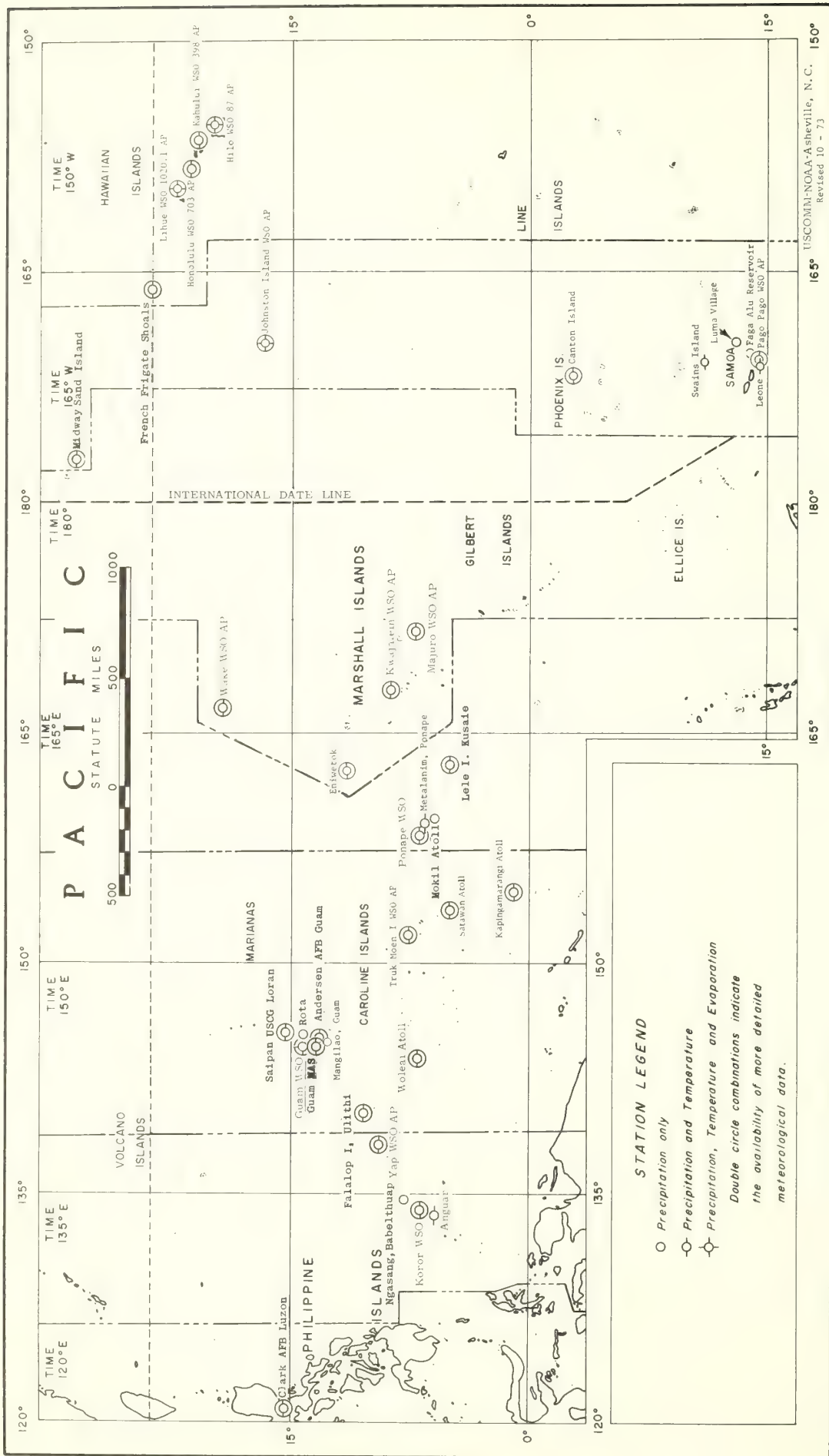
STATION LEGEND

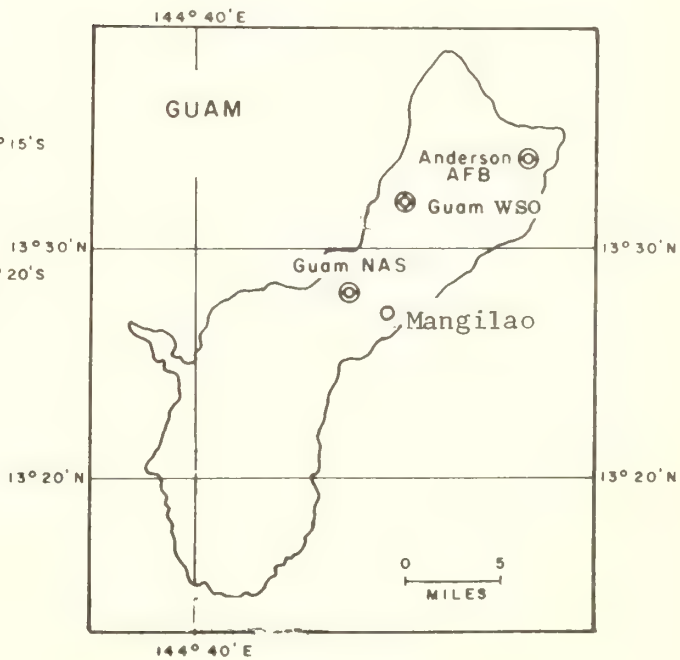
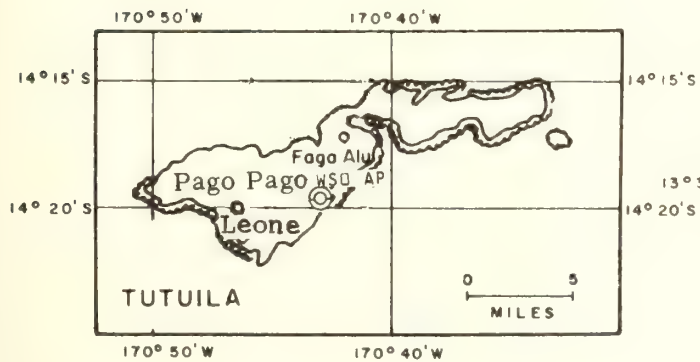
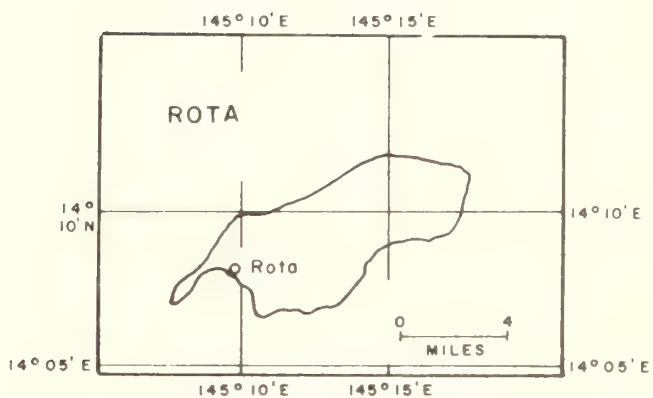
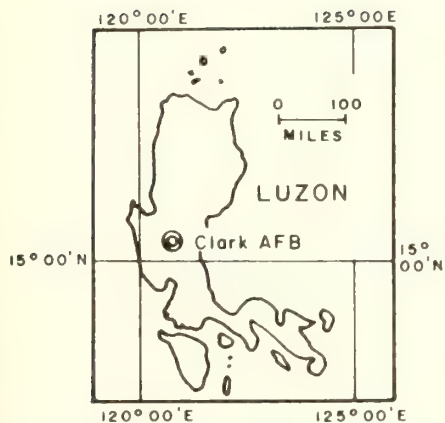
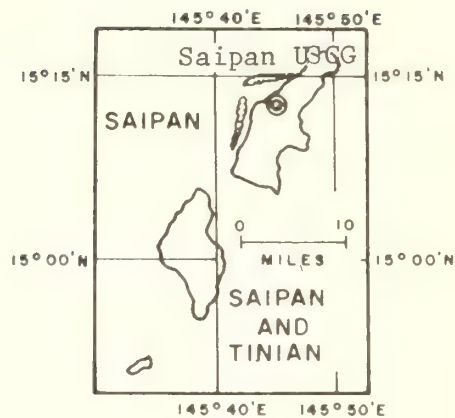
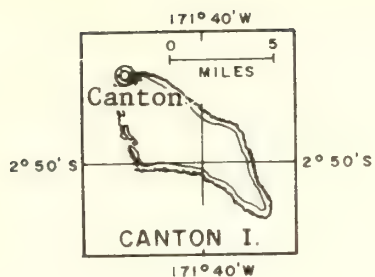
- ● ① Precipitation only
- ② Precipitation, storage
- ● ① Precipitation and Temperature
- ● ① Precipitation, Temperature and Evaporation
- Type of gage ○ Non-recording,
- Recording ① Both types

Double circle combinations indicate the availability of more detailed meteorological data.
All stations use 150th meridian time

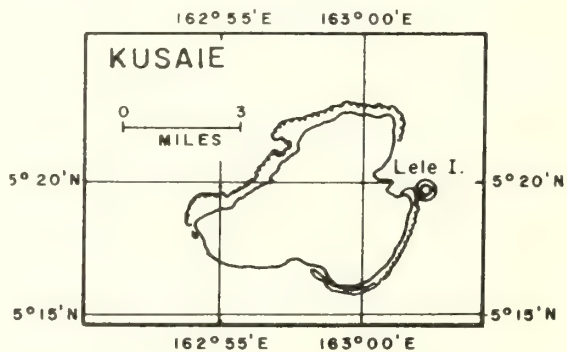
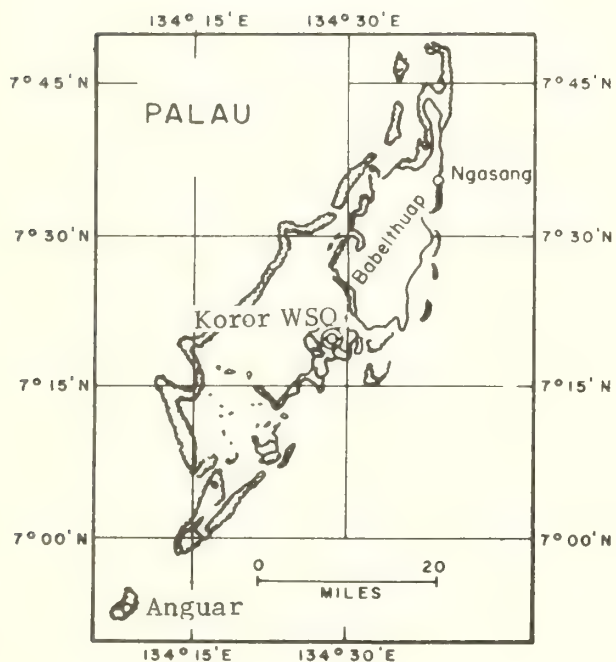
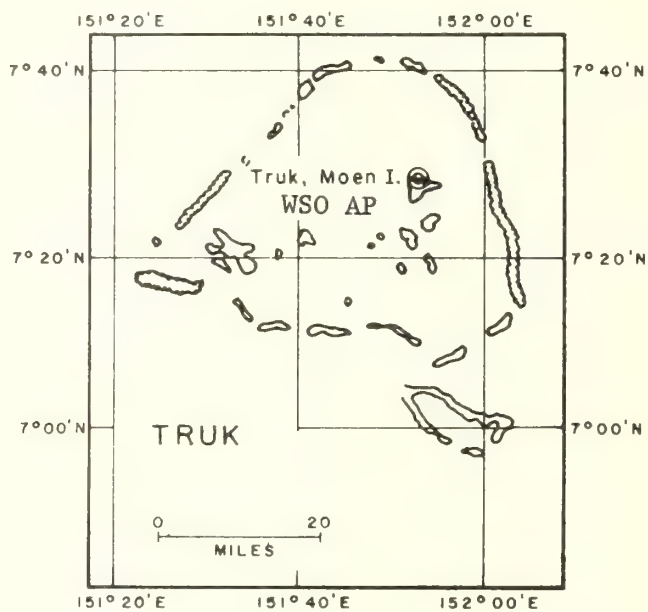
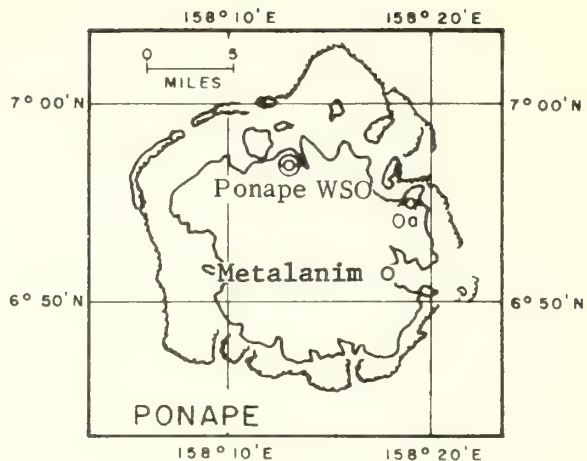
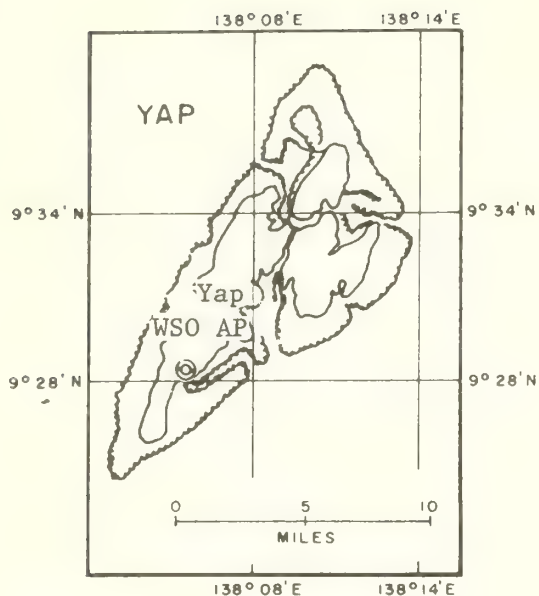
USCGM NOAA-Ashville, N.C.
Revised 7-72



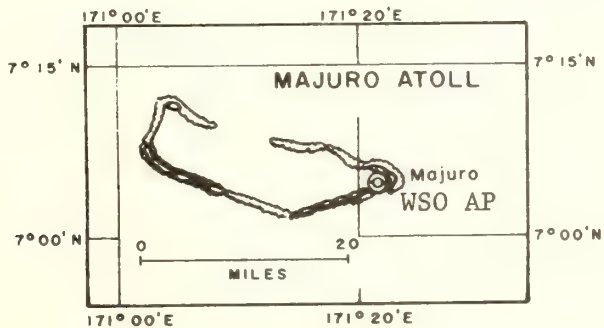
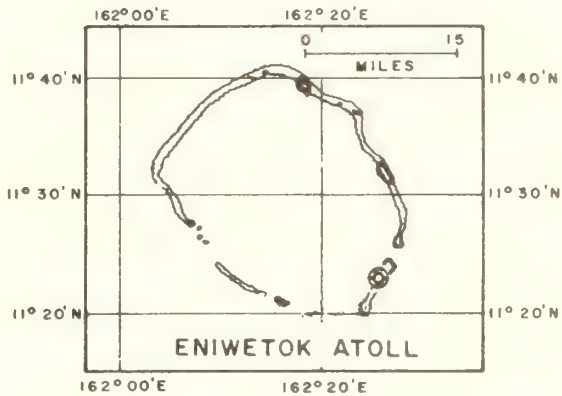
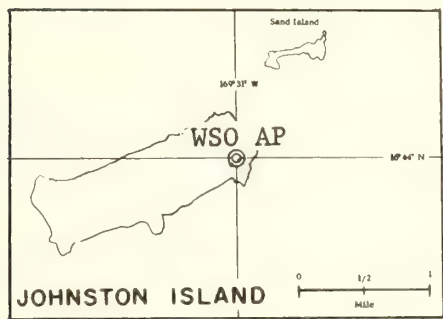
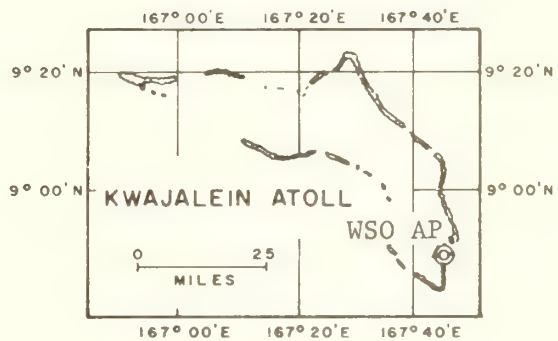
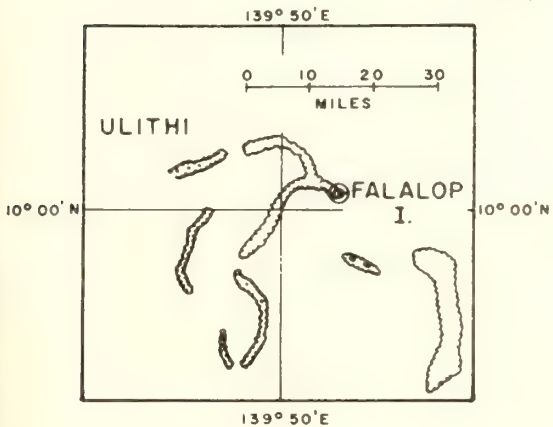
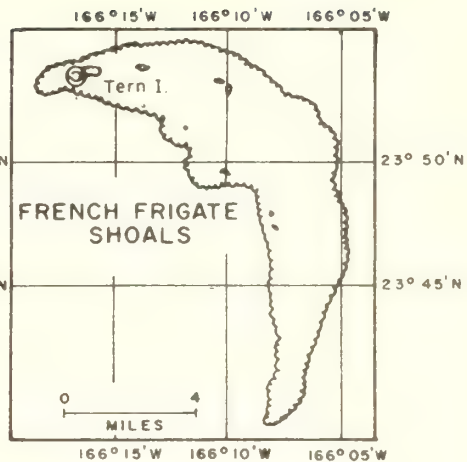
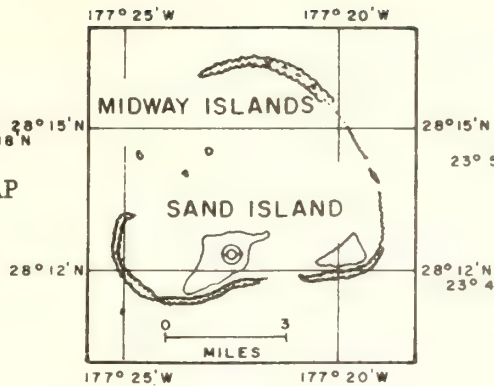
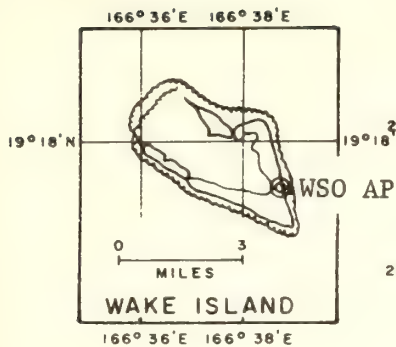




Reef



— Reef



U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: KEAWAKAPU BEACH 260.2 MAUI 91 DATE 19
 LOWEST TEMPERATURE: 2 STATIONS 32 DATE 27+
 GREATEST TOTAL PRECIPITATION: MOUNT WAIALEALE 1047 KAUAI 25.85
 LEAST TOTAL PRECIPITATION: 10 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: MOUNT WAIALEALE 1047 KAUAI 5.24 DATE 01

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							GREENWICH CIVIL													
							12	18	00	06										
GUAM WSO AP	-	-	-	33	E 11	-	79	76	93	1	10	10	3	2	1	27	64	8.5		
HILO, HAWAII, WSO AP	6	0.4	6.3	17	E 20+	85	78	63	78	2	14	15	0	0	0	31	49	7.1		
HONOLULU, OAHU, WSO AP	6	14.1	14.5	29	NE 04	71	66	50	67	13	6	1	0	0	0	20	69	5.0		
JOHNSTON ISLAND WSO AP	9	16.8	17.1	36	E 27	76	76	69	74	14	3	1	0	0	0	18	86	4.4		
KAHULUI, MAUI, WSO AP	5	15.8	16.4	33	NE 25	77	68	53	70	6	4	1	0	0	0	11	78	3.4		
KOROR WSO AP	15	1.1	6.3	20	SW 30+	88		79	75	1	7	5	5	4	4	26	54	8.4		
KWAJALEIN WSO AP	8	9.5	10.7	29+	12 12	83	83	77	79	1	11	8	4	4	1	29	-	8.3		
LIHUE, KAUAI, WSO AP	6	14.8	15.2	23	E 25+	76	73	63	75	10	14	2	0	0	0	26	70	5.9		
MAJURO WSO AP	8	6.9	7.6	31	E 12	83	85	79	81	3	3	13	4	2	2	27	42	8.8		
PAGO PAGO WSO AP	9	13.4	15.3	29	E 02	82	84	74	80	3	6	5	3	3	0	20	61	6.7		
PONAPE WSO AP	-	-	-	26	NE 13	89	-	77	78	0	7	13	6	1	2	29	52	8.2		
TRUK,MOEN I. WSO AP	10	3.5	6.8	27	NE 15	87	-	78	74	1	7	12	3	2	0	25	44	9.5		
WAKE WSO AP	9	10.8	12.4	30	E 01	78	80	63	71	5	11	8	2	0	0	26	70	6.5		
YAP WSO AP	14	2.4	6.9	21	SW 31+	88	-	76	75	4	9	7	5	2	0	27	68	7.8		

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1975

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
											MAX. MIN.									TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1975

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW. SLEET			NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE		
											40°-70°	70°-80°	80°-90°	90°-100°												
HAWAII																										
KONA (KAILUA) 68.3	A	82.1M	69.3M	75.7M							0	0	0	0	1.70	- 2.00	.80	11	.0	0		4	1	0		
KUKUIHALE HIC 199															2.93		.62	14	.0	0		9	2	0		
KULANI CAMP 79		63.3M	47.2M	55.3M		68	18*	41	5*		0	0	0	0	2.99		1.05	12	.0	0		6	2	1		
PAHALA 21	A	81.0M	61.5M	71.3M	- 1.8						0	0	0	0	.33		.14	21	.0	0		1	0	0		
POHAKULOA 107	A														.00		.00		.0	0		0	0	0		
PURAO 95.1	A	84.5	70.4	77.5		87	27	66	20		0	0	0	0	1		1	27*	.0	0		0	0	0		
PUU HAAWAA 94.1	A														.97		.33	2	.0	0		0	0	0		
UMIKOA 118															7.65				.0	0						
WATAKEA SCD 88.2																	1.41	14	.0	0		22	3	1		
ISLAND				69.6											2.85				.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1975

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
JULY 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
JULY 1975

SEE REFERENCE	NOTES	FOLLOWING	STATION	INDEX
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DAILY PRECIPITATION

HAWAII AND PACIFIC
JULY
1975

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KOHALA MISSION 175.1	3.42	.01	.22	.02	.10	.02	.02	.02	.02	.04	.02	.12	.24	.31	1.17	.01	.7	.06	.35	.07	.7	.03	.7	.08	.09	.01	.7	.29	.02	.7	.08	
KOAHINE LOWER 195	4.78	x	x	x	1.05	.7	x	x	x	x	x	.95	.7	x	x	x	x	x	2.20	x	x	x	x	x	x	.68	x	x	x	x	x	
KONA (KAILUA) 68.3	1.70	.01		.02						.08		.10	.80										.22		.01	.35			.04	.01		
KONA VILLAGE 93.8	.81			.15		.03	.01				.07	.01	.02																			
KUKIAU 222	2.31	T										.08	.24	.02	1.01	.03	.10	.02	.23	.05				.02	.7	.02	.13	.01	.61	T		
KUKUIHALE HIC 199	2.93		.05	.11	.11			.36		.13			.61	.26	.62	.06	.02	.02	.18	.06				.01	.24			.75	.04		.06	
KUKUIHALE HILL 206	1.27			.01	x	x	x	.07		.01				x	.62	.03	.04	.07		.07	x	x	.95	.08					.21		.01	
KULANI CAMP 79	2.99	.02	.04			.01			.03	.05	.03	.08	1.05		.12	.02	.04		.05	.77	.03	.05		.03	.08	.10	.50	.29				
KULANI MAUKA 76	.35											.10	.15													.10						
KULANI SCHOOL SITE 78	2.33	x	x	x	x	x	x	x	x	x	x	1.25		x	x	x	x	x	x	.58	x	x	x	x	x	.50	x	x	x	x	x	
LANIKAU 68.2	5.68	.15	.11	.53	.04			.05			.47	.07		.09		.03	.19	.06	.14	.70	1.87		.14	.15	1.12	.17		.23	.04	.13		
MAKAHALAU 103	1.15	.12	.25	.12				.20			.50	.30	.40			.12						.22										
MAUKA 2	3.65	T	.15	.10	x	x	x				.15	.20	x	x	.05	T						.70	T		.60	T	x	x	.10	T		
MAUNA KEA OBS 111.2	T																					.03										
MAUNA LOA SLOPE OBS	.16																															
MIDDLE HAILUOLA 68.1	2.37	x	x	x	x	x	x	x	x	x	.12	x	x	x	x	1.01	x	x	x	x	.60	x	x	x	x	x	x	x	x	x	x	
MIDDLE PEN 147.1	.00								x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOAULA 18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOUNTAIN VIEW 91	7.20	.15	.18	.04	.14	.09	.30	.09	.11	.44	.27	.09	1.32	.12	.45	.13	.37	.06	.16	.61	x	.14	.30	.07	.20	.24	.21	.46	.11	.02		
NAALEHU 14	.89	T	.01		x	x	x	.01	.13					.21	T					x	x	.16			.93	.32	T					
NAP00000 28	2.70	x	x	x	x	x	x	.58	x	T	x	x	x	x	1.02	x	x	x	x	x	x	.54	x	x	x	x	x	x	x	x	x	
NIULII 179	2.82				x	x	x	.16	.06	.04	.07	.17	x	x	1.11		.05	x	.21	x	x	.26	x	x	x	.13	.02	.03	x	x	x	
OKALA 223	3.30	.03	T		.15	.05	.02	T	.06	.17	.10	.42		.12	1.03	.07	.17	.03	.12	.18	T		T	.06	.02	.07	.30	.02	.02	.02		
OPTIHUALE 2 24.1	3.17	T	T	.13	.01			T	.09	.82	.11	.02	.06	.04	.21	T	.02	.22	.02	.43	T	T	.30	.52	T	.03	T	.08	.01	T	T	
ORCHID LAND EST 91.5	5.50	x	x	1.10	x	x	x	x	x	x	x	1.52	x	x	x	x	x	x	1.45	x	x	x	x	x	1.43	x	x	x	x	x	x	
PARAHU 217	1.51				.01	.02		.02	.04	.08		.01	.33		.52	.04	.01		.18						.01	.02	.01	.07	.17	T	.02	
PARUULO 221	1.73				.02	T		.02	T	.02		.62	.19	T	.81	.01	.04	.09	.10	.19					.06	.03						
PAHOLA 21	.13				x	x	x	.02	.06					x	.32																	
PAHOLA 65	7.55	.47	.14	.12	.07	.04	.15	.04	.15	.49	.33	.13	.89	.08	.30	.14	.35	.14	.33	.31	.08		.18	.10	.51	.66	.15	.32	.09	.06		
PAKAO 37	.13	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAIKOU 144.1	4.28	.20	.17	.14	x	x	x	.18	.16	.19	.11	.22	x	x	1.06	.14	.23	.03	.14	x	x	.19	.02	.12	.14	.02	x	x	.58	.02		
PAPAIKOU MAUKA 140.1	8.08	.41	.24	.05	x	x	x	1.11	.27	.44	.08	.11	x	x	.25	.22	.32	.20	.16	x	x	.46	.02	.56	.10	.16	T	x	.58	.04	.01	
PIHONUA 89	8.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
POHAKA 220.6																																
POHAKULOA 107	.00																															
PUAKO 95.1	T									T				T									T					T				
PUU KIME 120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU LAU 102.1	.28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LEHUA 73	1.70	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MALI 113		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU 89 82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU WAHUA 94.1	.97										.04	.19	x	.08						x	x	.23		.09								
SADDLE ROAD 1 84	6.48	x	x	.33	x	x	x	x	x	x	.23	.1	x	x	1	x	x	2.91	x	x	x	x	x	1.91	x	x	x	x	x	x	x	
SOUTH POINT CORRAL 3	.39	x	x	.04	x	x	x	x	x	x	x	x	x	x	x	x	x	10	x	x	x	x	x	x	.25	x	x	x	x	x	x	
UMIKOA 118		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UPOLU POINT USCG 159.2	.30	T		T	T	T	T	T	T	T	.1			.01	.03		.25	.10	.08				.01	.01	.02	.01	T	T				
WAIKAKA SCD 88.2	7.65	.30	.28	.06	.24	.33	.16	.11	.04	.35	.63	.04	.87	.10	1.41	.21	.25	.10	.08	.70	T	.28	T	.18	.16	.17	.40	.18	.03	.03	.03	
WAIKALOA-BOIS CAS 95.8	.01	.01																														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JULY 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND		.26						.03	.02			.03					.16	.01									.01							
FAGA AL. RESERVOIR	R	.47	T	T	.15			.50		T					T		.02			T				T	T		T	T		.02	T		T	
JOHNSTON USG AP		16.70					.40	.41				.15				.10	3.16	.20	.47	.18	.05				.70		.30	3.06	2.91	4.04	1.00			
LEONE		.49									.01					.13	.09	.04	.06							.03	.03						.10	
FRENCH FRIGATE SHOALS																																		
LUMA VILLAGE		9.95	.37				.06	T			.01	.01		T	.15	.68	.21	.65	.14					.20		.22	2.08	2.35	1.18	1.59	T		.05	
MIDWAY SHND. ISLAND	R	8.17	.07	.16			.21				T	.04			.01	.03	1.29	.80	.36		.07			.02	.12	T		.67	1.46	1.91	.85	.10		T
PAGO PAGO USG AP																																		
SWAINS ISLAND																																		
WESTERN PACIFIC ISL.																																		
NORTH OF 12 N																																		
ANDERSEN AFB GUAM		11.03		.02	.15	T	.17	.38	.25	1.84	.36	1.32	.55	.08	.56	.68	.09	.60		.11	T	T	.28	T	T	.13	.80	1.87	.41	T	T	T	.38	
CLARK AFB LUZON		4.08	.98				.10	.12	.01			.25	T	.16	.20			.10	.12	.03		T	.14		.02			.14	.03	T	.36	.15	1.17	
GUAM NAS																																		
GUAM USG	R	11.13					1.00	.49	.04	.33	.79	.08	1.78	.80	.12	.41	.35	.33	.06	.01	.12	.02	.41	.09		.04	.01	.14	2.67	.73	T	.08	.15	.07
MANGILAO		9.22		.01			.91		.08		1.32	.95	.17	1.10	.18	.15	.14	.19	.03	.37	.05	.02	.01	.05		.05	.27	.91	1.32	.20	T	.26	.45	
ROTA																																		
SAIPAN USGCG LORAN	R	11.81		.02	.09	.04	.12		.51	.12	.24	.17	.22	.11		.19	.40	.13	2.17	.11	.20		.26	.09	.23	.95	.44	2.27	.21	.30	.40	.41	1.41	
WAKE USG AP	R	3.08	.10	.42	.05	.18	.04	.03	.16	.05	.01	.02	T		.14	.09	T		.20	.54	.16	.51	.01			T	.02		.24	.05		T		
CAROLINE AND MARSHALL ISLANDS																																		
ANDUA		22.27		.06	.73	.23		2.50					4.79	1.69		.44	.63				1.35			2.39		.33				6.23				
ENIWEATOK		6.08	.07	.12	.33	.15	.15	.11	.04			.12			.04						1.14	.09	1.06	.06		.76	.19	.20		.03		.01		
FALALOP I., ULITHI		9.39	.20	.07		.17	1.26	.09	.67	.90		.05	.88	1.11	.44	.15	.16				.34	.34			.02	.83	.07			.47		1.17		
KAPINGMARANGI ATOLL		6.93		.25								.65	.16	.05	.07	.02					1.02	.64	.02	.85	.04	.11	1.40			1.03	.02			
KOROR USG	R	22.86		.02	.78	3.18	.89	1.38	1.13	.64	.60	.06	.09	.31	.35	.29	2.76			.30	1.06	.03	1.08	.08	.01	.74	.07	.72	T	.18	4.02	2.67		
KWAJALEIN USG AP	R	11.74	.24	.09	.34	1.14	.06	2.30	.43	.08	.04	T	1.19	.51	.01	.61	.20	.19	.09	.57	.06	1.06	.05		.08	.17	.28	.07	.66	1.03	.07	.12		
LELE I., KUSAIE		14.09		.08	.07	.28	1.34	.03	.45	.17		.03	.34	.15	2.64	.27	.22	3.65		.10		.91	1.51	.25	.34	.29	.39	.18	.31	.08				
MAUSO USG AP	R	14.23	.10	.71	.20	.73	T	.18	T	.02	.10	.02	.30	2.60	.37	1.30	.91	.16	1.32	.03		.24	.30		.17	.21		.75	2.75	T				
METALANIM																																		
MOELI ATOLL																																		
NGASANG-BABELTHUAP																																		
PONAPE USG	R	15.60	.07	.98	.69	3.41	.58	.24	.57	.03		.15	.29	3.34	.06	.11	.55	1.13	.35	.04	.48	.33	.26	.12	.55	.24	.08	.28	.03	.16	.02	.46		
SATAVAN ATOLL																																		
TRUK, MOEN I., USG AP	R	7.35	.12	.24	.29	.54	.08	.03		.62	.60	.37		.02	.04	.01	.10	1.56					.26	T	.06	.20	.31	.14	.25	1.19	.14	.14	.04	
MOLEAI ATOLL																																		
YAP USG AP	R	8.38	.09	.28	.11	1.99	.66	.13	.38	.01	.50	.59	T	.54	.83	.02		.06	.01	.07	.02			T	.22	.06	T	.05	.11	T	1.24	.41		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JULY 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	71 55	73 52	73 49	75 52	74 53	71 53	71 55	72 55	74 51	69 55	69 53	70 54	75 52	72 57	73 57	74 55	75 55	66 58	74 59	72 50	72 52	73 55	71 52	71 57	71 55	72 55	71 55	74 55	76 51	73 57	72 58	72.2 54.1
KILAUEA POINT 1133	MAX MIN	80 65	80 70	81 71	80 70	81 71	81 71	80 69	80 69	80 69	80 70	81 70	80 69	79 68	80 70	78 70	82 72	78 72	83 72	83 66	80 71	80 70	81 72	81 72	81 72	81 73	80 71	79 70	82 72	81 72	82 73	82 73	80.5 70.4
LIMUE WSO 1020.1 AP	MAX MIN	82 71	83 74	83 74	83 72	82 73	81 73	79 74	82 73	83 74	82 74	81 74	81 73	82 73	80 75	82 73	81 73	82 73	80 73	81 75	81 75	81 74	82 74	81 75	82 75	82 73	82 75	82 74	82 74	83 74	83 74	84 73	81.8 73.5
MAKAHUEA POINT 940.1	MAX MIN	86 72	80 70	85 73	84 75	84 73	84 75	85 71	85 73	81 73	85 71	85 68		84 71	82 71	85 75	85 67	85 74	81 71	80 71	85 75	82 71	84 75	85 73	84 66	85 75	84 76	84 76	84 74	85 74	85 73	86 70	84.0 72.4
MANA 1026	MAX MIN	87 67	85 66	87 65		87 65	86 65	85 64	86 65	87 67	85 65	87 67	87 64	87 66	88 67	87 65	85 68	88 69	86 69	85 65	86 67	86 65	87 67	86 65	87 67	89 65	88 65	87 65	88 62	87 69	88 71	88 69	86.7 66.3
NIU RIDGE 1035	MAX MIN	84 62	83 61	84 60	83 63	84 63	83 61	84 60	84 61	85 61	84 60	85 61	83 60	84 61	83 60	84 61	85 61	84 62	84 61	85 62	83 61	84 60	84 62	83 61	84 60	84 62	83 60	82 62	83 62	84 61	85 62	84 63	83.7 61.5
WAIAMI LOWER 1054	MAX MIN	80 65	78 66	79 66	82 65	81 65	80 66	80 66	80 67	80 65	82 62	80 64	80 64	80 62	75 68	77 68	79 64	80 65	81 66	81 65	81 65	81 65	82 65	82 65	81 65	80 65	81 67	82 66	82 65	80 69	80 69	80.3 65.6	
ISLAND OF OAHU																																	
B Y U LAIE 903.1	MAX MIN	84 69	83 72	83 72	83 71	84 71	84 70	84 69	83 73	84 71	84 72	84 70	84 69	84 70	82 70	84 73	84 72	83 72	83 71	83 71	84 72	84 71	85 72	84 72	84 69	83 72	84 73	84 72	84 73	85 74	85 73	85 72	83.8 71.4
EWA PLANTATION 741	MAX MIN	85 68	85 67	85 68				86 66	85 67	86 67	85 67	86 67		86 72	86 73	87 73	86 70	87 72	86 73		88 67	88 68	87 69	87 69	86 69			87 67	88 69	88 71	88 72	86.4 69.0	
HONOLULU WSO 703 AP	MAX MIN	85 69	86 73	85 74	85 73	85 72	86 71	85 71	85 71	86 71	85 72	86 69	85 71	84 73	85 73	85 73	85 74	86 74	86 72	87 71	86 72	86 72	86 71	85 72	85 72	86 73	86 74	86 72	87 73	86 74	85 75	85 74	85.6 72.3
HONOLULU SUBSTA 704	MAX MIN	80 69	81 72	81 72	81 72	81 72	81 72	80 72	81 71	81 70	81 70	79 68	81 69	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	81 68	80.9 70.9
KANEHE MAUKA 781	MAX MIN	76 69	79 70	79 70	80 70	79 71	82 72	81 71	80 70	82 70	80 69	82 69	80 71	81 72	80 71	80 70	82 71	81 72	80 69	81 70	83 72	82 71	82 71	81 70	82 67	81 70	81 73	80 71	80 73	83 72	80 73	83 73	83.7 70.9
LUALUALEI 804	MAX MIN	85 72	86 69	86 72	85 72	84 71	84 70	85 72	86 71	87 70	87 72					84 74																	
MANOA LYON ARBORETUM	MAX MIN	77 66	74 66	79 67	78 67	79 68	81 68	79 66	79 66	80 66	76 66	78 64	78 64	76 66	76 67	78 69	80 69	78 68	76 68	77 67	80 67	80 67	79 67	82 67	78 66	74 67	78 68	76 68	79 68	81 69	79 68	80 67	78.2 67.0
OPAEULA 870	MAX MIN	79 66	75 65	79 66	76 65	76 64	76 64	80 65	80 64	80 65	80 63	80 64	78 66	80 64	80 65	80 65	80 64	80 65	80 64	80 65	80 65	80 65	80 64	80 64	79 64	80 64	80 64	80 64	80 64	80 64	80 64	80 64	79.2 64.7
PRI WAIHANA 820.2	MAX MIN	82 67	80 67	83 67	83 68	83 67	83 66	84 65	82 63	82 64	83 64	82 65	82 65	83 65	83 65	82 65	83 65	82 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	83 65	82.8 66.1
WAIALEE 896.3	MAX MIN	82 69	82 71	82 72	81 70	81 72	82 71	83 68	81 70	82 70	82 69	82 67	82 69	82 67	81 69	83 71	83 69	82 71	80 71	81 71	82 71	82 72	83 70	83 71	83 69	83 70	82 70	82 72	82 73	83 73	84 74	84 73	82.1 70.8
WAIALUA 847	MAX MIN	85 69	84 64	84 65	84 66	84 67	85 63	85 63	85 64	85 64	85 65	84 65	84 65	85 66	84 65	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	85 64	84.8 65.8
WAIKIKI 717.2	MAX MIN	85 67	85 67	83 68	85 69	84 69	84 66	84 66	85 66	85 66	85 66	84 66	85 66	85 66	84 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85 66	85.8 70.5
WAIMANALO EXP FARM	MAX MIN	82 69	82 71	82 72	83 72	83 72	84 72	83 72	82 71	83 71	83 69	82 68	82 68	81 70	82 71	83 72	84 73	83 70	82 70	84 71	84 72	84 72	83 72	84 73	84 68	79 68	83 72	84 72	84 72	84 72	85 73	85 73	83.0 71.2
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	76 66	76 64	76 65	77 65			76 64	75 65	76 64	76 64	77 64	75 65	76 65	75 66	75 66	74 67	72 64		78 62		77 64	76 64	77 66	75 63	75 66			75 67	76 68	77 68	76 67	75.7 65.1
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	63 48	65 50	66 52	70 54	70 47	66 40	62 41	63 36	62 40	62 39	60 41	58 41	60 46	62 45	71 41	70 45	62 41	63 46	65 48	61 41	57 38	63 44	62 40	65 46	66 50	66 32	62 32	61 49	72 54	75 57	75 50	64.7 44.8
HALEAKALA SUMMIT 338.4	MAX MIN	50 39	52 40					59 40	54 42	54 37	53 38	53 34		53 35	57 43	55 40	58 48	48 40				54 36	60 48	59 37	58 39	51 40			55 34	62 49	59 47	62 41	
HANA AIRPORT 355	MAX MIN	80 68	82 71	82 68	82 68	80 68	81 67	82 68	83 69	81 69	82 67	83 66	80 67	82 67	81 68	80 71	82 69	82 70	82 70	80 67	82 68	83 70	83 67	83 68	82 62	82 68	81 70	81 69	81 70	83 69	82 70	82 72	81.7 68.7
KAAHAPALI AP 453.1	MAX MIN	83 68	82 65	83 68	82 70	83 68	83 69	83 69	83 69	83 70	83 68	82 67	82 67	84 67	83 71	82 69	84 70	84 69	81 67	85 66	82 65	84 66	84 68	84 68	84 71	83 72	82 70	84 69	83 70	84 67	84 72	84 72	83.1 68.5
KAHULUI WSO 398 AP	MAX MIN	83 69	85 60	84 67	83 69	83 69	84 65	84 68	83 68	84 65	83 68	83 68	84 68	83 68	82 69	84 65	82 71	82 71	86 65	86 68	85 64	85 63	85 66	85 70	85 72	83 71	82 71	84 72	85 72	86 72	85 72	83.9 68.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JULY 1975

STATION		DAY OF MONTH																															AVERAGE			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HAWAII																																				
KAILUA 446	MAX	75	76	76	76			77	77	77		77	72		78	74	77	78	78			77	77	77	78	78			78	78	79	79	76.9			
	MIN	67	65	66	65			69	68	69		66	68		63	63	68	70	67			64	64	65	65	65			70	70	70	71	66.9			
KEAWAKAPU BEACH 260.2	MAX	89	86	86	89	87	87	87	86	86		86	86	89	85	87	88	89	90	87		91	88	81	87	89	86	88	87	87	87	88	88	87.3		
	MIN	55	62	64	65	68	64	63	63	65		65	63	67	65	67	67	66	64	69		69	63	64	63	66	65	66	65	64	66	68	66	65	65.2	
KULA SANATORIUM 267	MAX	74	72	74	74	74	76	72	71	72		72	74	74	72	74	75	76	73	77		72	74	71	71	75	74	75	75	75	76	74	74	77	73.8	
	MIN	57	58	54	55	56	57	57	57	58		57	55	56	58	58	58	55	55	56		57	58	57	58	57	58	57	57	55	55	56	58	59	60	56.8
LAHAINA 361	MAX	85	85	85	85	85	85	85	86	85		85	85	85	85	88	85	86	89	87		87	84	85	84	88	85	86	89	87	85	88	86	88	85.9	
	MIN	70	66	67	67	66	66	68	66	68		65	68	69	68	71	68	69	67	69		68	67	67	66	67	70	68	66	67	68	69	68	69	67.7	
WAILUKU 386	MAX	81	81	82				82	81	80		80	81		81	82		82	81	80			82	82	82	81		83			82	80	82	84	81.5	
	MIN	69	69	70				69	69	70		69	66		68	71		71	70	69			70	69	70	70	71			71	72	71	71	69.8		
ISLAND OF HAWAII																																				
HAWAII VOLCANO NP HQ 54	MAX	68	65	69	68	68		67	67	68		67	68	66	70	72	72	69	69	74		70		72	69	70	70	69	68		68	71	68	71	69.0	
	MIN	53	53	52	54	52		51	51	51		49	51	53	53	58	54	53	51	52		52		48	54	54	52	53	51		51	54	53	54	52.4	
HILO WSO 87 AP	MAX	81	83	78	81	83	83	83	80	81		81	81	83	79	81	82	82	82		84	84	83	84	84	83	82	78	81	83	83	82	81	81.8		
	MIN	68	65	68	69	68	69	68	68	66		64	66	67	68	70	69	69	66	71		66	66	69	68	67	67	67	66	66	68	70	70	67.7		
KAINALUO 73.2	MAX	75	75	74	77	76	78	74	77	74		74	75	73	76	75	75	71	74	75		76	73	76	76	76	78	77	77	78	76	73	78	75.4		
	MIN	64	64	65	65	65	64	65	65	63		60	62	60	61	60	64	62	62	62		65	62	60	64	62	63	64	60	61	67	66	62	64	62.9	
KAMUELA 192.2	MAX	76	76	76	76	76	76	76	76	76		76	76	76	76	76	76	76	75	75		75	76	76	76	76	76	76	76	76	76	76	77	75.9		
	MIN	44	44	44	44	45	44	46	44	44		45	46	45	46	45	45	46	45	45		45	46	45	45	45	48	48	46	46	46	46	46	47	45.3	
KEAU 92	MAX	80	78	80	76	80	79	80	80	79		77	78	79	80	78	78	79	80	82		79	80	81	80	81	81	80	76	78	80	81	82	79.5		
	MIN	66	65	64	65	66	65	64	64	64		63	64	64	64	67	67	66	64	62		64	64	66	67	66	65	65	65	64	64	66	67	67	65.0	
KOHALA MISSION 175.1	MAX	80	77	79	75	79	80	81	80	80		79	80	79	79	76	76	78	80	80		78	81	81	80	79	80	81	80	76	75	81	82	81	79.1	
	MIN	67	68	66	66	65	66	65	66	66		65	65	64	66	67	68	68	66	67		65	65	66	68	66	67	67	69	65	67	69	68	67	66.5	
KONA (KAILUA) 68.3	MAX	81	83	81				82	84	80		80	81		82	83		82	82	81			84	82	81	84	86			83	81	81	82		82.1	
	MIN	70	72	70				67	69	70		64	67		68	71		71	70	69		69	69	70	70	70	69			68	72	69	70		69.3	
KULANI CAMP 79	MAX	63	60		63	65	62	62	61	62		64	62	62	60	65	68	62	62	68		64	62	65	64	64	64	64	63	60	61	65	65	66	63.3	
	MIN	50	41		46	41	49	45	48	45		43	48	50	43	51	49	50	51	49		47	45	50	46	50	48	49	49	45	45	46	47	49	47.2	
MAUNA LOA SLOPE OBS	MAX	50	52	51	57	52	51	55	56	51		50	53	58	57	51	51	47	58	54		50	48	53	57	53	57	56	52	54	57	58	54	52	53.4	
	MIN	34	33	37	35	34	36	37	34	34		33	36	32	39	37	34	32	40	34		33	36	32	40	40	40	40	39	38	36	42	40	36	36.2	
MOUNTAIN VIEW 91	MAX	77	72	77	77	77	77	77	78	74		71	76	78	78	78	74	74	78	80		78	78	78	78	79	79	79	80	80	80	80	78	78	77.4	
	MIN	62	59	59	59	59	59	59	60	58		58	58	65	65	65	63	61	59	60		59	59	59	62	62	61	61	64	64	64	63	62	63	61.0	
NAALEHU 14	MAX	79	75	82				82	78	79		78	81		83	82		81	81	84			82	82	82	84	80			83	82	83	85		81.3	
	MIN	68	67	67				64	66	66		64	65		63	65		66	64	67			63	68	68	66	68			65	68	68	67		66.0	
OOKALA 223	MAX	80	78	80	77	75	79	80	80	79		80	79	81	80	81	78	79	79	80		79	80	79	80	80	80	80	80	80	80	80	82	83	79.6	
	MIN	66	66	66	65	66	68	65	66	66		66	64	65	66	68	69	66	65	67		67	65	65	69	68	66	65	67	66	68	67	68	68	66.4	
OPIHIHALE 2 24.1	MAX	77	77	78	79	79	79	80	77	73		77	75	80	75	80	79	80	80	75		78	79	78	79	78	80	80	77	81	77	75	81	80	78.2	
	MIN	62	61	61	64	63	60	59	60	58		58	57	58	60	60	61	59	61	63		60	58	61	62	61	65	59	58	62	61	60	59	61	60.4	
PAHALA 21	MAX	80	76	80				81	81	79		78	79		83	83		81	78	83			82	79	81	83	80			84	84	83	84		81.0	
	MIN	63	61	60				61	61	61		60	61		60	62		62	60	60			61	64	63	65	63			61	62	60	63		61.5	
PUAKO 95.1	MAX	86	83	83	85	85	85	84	86	83		83	84	85	83	81	85	86	84	86		85	85	84	85	82	84	85	85	87	86	83	86	85	84.5	
	MIN	69	71	71	69	70	69	70	68	69		68	70	71	70	71	74	73	72	72		67	66	70	70	70	69	72	70	71	71	73	74	73	70.4	
UPOLU POINT JSCG 159.2	MAX	78	81	81	82	81	80	79	78	77		77	80	79	82	77	78	84	77	81		84	81	83	84	83	84	81	82	80	81	87	84	84	81.0	
	MIN	68	69	68	69	70	68	65	69	67		67	63	67	67	70	68	72	67	68		69	64	68	67	63	67	63	62	67	69	69	71	71	67.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JULY
1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
■ ■ ■																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND	MAX MIN	91 72	86 69	87 72	87 72	86 69	87 69	87 68	88 71	88 77	88 77	88 76	88 76	87 75	87 75	87 75	88 77	87 77	88 76	88 76	88 77	88 76	86 73	85 75	88 71	87 72	87 75	87 76	86 74	88 78	87 77	87.4 74.2		
JOHNSTON WSO AP	MAX MIN	83 76	83 75	83 76	82 73	82 77	81 72	82 77	82 77	82 76	82 77	82 75	82 77	82 77	82 76	82 76	82 74	83 78	82 77	82 78	83 77	83 78	83 78	83 78	82 77	83 78	83 73	83 77	82 75	84 73	83 76	83 76	82.5 76.3	
LEONE	MAX MIN																																	
FRENCH FRIGATE SHOALS	MAX MIN	82 75	82 75	81 73	80 74	82 76	82 75	82 75	81 75	81 73	82 73	82 75	79 75	78 75	78 75	81 73	81 73	82 75	82 75	84 73	82 73	82 73	84 75	82 75	82 75	84 73	81 73	81 74	84 73	81 72	88 75	87 73	85 74	81.8 74.3
MIDWAY SAND ISLAND	MAX MIN																																	
PAGO PAGO WSO AP	MAX MIN	84 75	85 76	84 79	85 79	84 75	85 72	85 70	85 77	83 79	86 80	85 74	84 79	84 77	84 78	84 79	82 74	84 72	82 72	84 70	86 69	85 69	84 78	84 76	85 78	81 73	80 72	80 73	80 70	83 74	85 76	84 77	83.7 74.9	
SWAINS ISLAND	MAX MIN																																	
■ ■ ■																																		
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM	MAX MIN	85 78	85 78	84 76	85 75	83 77	83 75	86 78	83 76	84 78	82 73	84 74	85 79	85 76	84 74	84 78	81 75	84 75	83 78	83 78	84 76	84 75	83 75	84 78	84 75	83 75	79 73	82 75	83 74	83 77	83 75	79 76	83.4 76.0	
CLARK AFB LUZON	MAX MIN	84 73	88 72	86 73	86 72	84 73	86 72	84 79	84 73	84 73	81 73	84 73	86 73	86 73	84 73	88 73	86 72	84 73	84 75	86 73	84 73	84 72	86 73	86 73	90 73	91 73	91 73	90 75	88 73	88 73	84 75	88 73	86.0 73.0	
GUAM NAS	MAX MIN																																	
GUAM WSO	MAX MIN	88 68	89 68	84 69	85 70	85 70	85 73	87 73	85 71	85 71	85 70	86 67	86 75	86 73	86 73	85 73	86 72	86 70	87 71	87 70	86 68	86 72	87 69	87 70	86 72	86 74	79 71	85 71	87 69	86 75	87 74	80 71	85.6 71.1	
SAIPAN USCG LORAN	MAX MIN	89 73	92 72	92 75	88 72	90 79	89 80	90 76	89 76	89 74	89 75	88 76	89 77	89 78	90 86	88 74	85 74	88 75	90 74	88 74	89 75	89 72	89 75	89 73	89 75	88 75	88 73	82 75	86 75	85 72	84 76	87 76	88.4 75.2	
WAKE WSO AP	MAX MIN	91 73	84 72	89 78	88 74	88 75	89 75	87 75	88 75	88 76	89 77	89 77	89 76	89 75	89 75	89 75	89 77	90 76	84 72	86 75	85 75	85 76	89 75	88 77	90 79	90 79	89 78	88 75	88 75	89 74	89 75	88 77	88.1 75.6	
■ ■ ■																																		
CAROLINE AND MARSHALL ISLANDS																																		
ENIWETOK	MAX MIN	85 80	88 82	87 77	85 71	87 71	86 78	88 78	88 75	88 78	87 78	89 76	86 76	87 80	84 75	84 77	85 76	81 73	85 72	83 70	86 72	87 72	85 76	87 75	86 76	86 71	85 77	86 72	85 74	85 75	86 75	85.9 75.1		
FALALOP I. ULITHI	MAX MIN	86 80	87 80	87 80	87 79	82 78	84 78	88 79	85 82	86 83	88 82	87 81	85 83	86 83	87 82	86 81	87 80	87 78	87 80	86 74	86 80	88 80	88 80	88 82	89 83	87 81	87 79	86 82	87 82	87 83	88 81	84 80	86.6 80.7	
KAPINGAMARANGI ATOLL	MAX MIN	86 78	88 77	87 75	88 75	89 79	90 77	89 76	88 75	85 74	86 75	89 78	89 76	88 78	90 78	90 78	88 76	88 75	90 76	89 78	87 72	86 73	86 76	89 73	88 76	88 74	88 76	88 76	85 76	86 73	88 72	88 75	87.9 75.7	
KOROR WSO	MAX MIN	89 74	88 76	86 74	84 73	87 74	86 72	79 73	84 73	88 76	89 75	88 74	89 75	89 74	88 74	87 75	88 74	88 75	89 76	87 74	89 75	88 76	88 75	89 76	88 75	90 76	90 76	87 75	89 74	89 72	82 73	82 73	87.2 74.3	
KWAJALEIN WSO AP	MAX MIN	86 76	85 76	85 76	79 74	85 78	87 77	86 72	86 73	85 76	87 79	86 80	84 75	86 77	85 75	85 74	84 76	85 75	84 76	86 75	85 77	86 73	86 79	86 79	86 77	85 76	85 77	85 78	85 75	85 74	85 78	85 78	85.1 76.2	
LELE I. KUSAIE	MAX MIN	89 73	87 72	84 75	85 71	87 72	89 69	90 68	88 71	86 69	88 80	89 80	89 72	89 76	88 75	88 75	84 72	86 70	88 70	89 76	89 73	89 73	88 74	88 75	88 70	88 70	87 75	86 70	86 72	84 69	85 72	85 69	87.1 72.1	
MAJURO WSO AP	MAX MIN	84 77	81 74	85 76	81 72	85 75	85 77	85 78	86 79	85 75	86 78	85 77	81 71	85 75	83 74	82 74	81 74	80 73	83 73	85 79	85 74	83 75	84 78	83 76	84 74	85 77	85 76	86 78	82 76	80 74	85 75	85 77	83.8 75.5	
METALANIM	MAX MIN																																	
PONAPE WSO	MAX MIN	87 72	88 71	86 72	87 70	85 72	89 70	86 73	85 75	89 73	88 75	89 76	89 75	82 72	89 71	88 70	80 72	80 71	88 70	88 70	82 72	89 71	86 73	89 74	87 74	88 75	89 74	89 75	90 73	89 72	89 71	87.1 72.5		
TRUK. MOEN I. WSO AP	MAX MIN	88 75	86 74	86 74	86 72	87 74	87 76	87 77	87 75	86 74	88 74	88 80	88 79	88 76	85 76	86 73	87 75	87 73	89 73	88 74	88 74	86 74	86 76	89 78	86 76	88 77	88 76	84 77	85 74	88 75	88 74	85 75	86.8 75.1	
WOLEAI ATOLL	MAX MIN																																	
YAP WSO AP	MAX MIN	86 70	86 75	88 75	86 75	85 71	86 72	87 71	85 74	87 73	85 75	86 75	88 75	88 72	85 72	87 75	87 72	87 72	88 70	87 76	88 74	88 77	88 73	88 76	88 74	87 75	88 74	88 77	87 70	88 73	84 73	86 74	86.8 73.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JULY 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
(HAWAII 1020.1) AP	EVAP	.21	.31	.40	.43	.38	.41	.44	.30	.40	.39	.40	.45	.44	.37	.32	.33	.29	.23	.31	.34	.40	.39	.30	.42	.36	.48	.47	.44	.38	.35	-	11.518
	WIND	225	257	236	243	233	204	218	219	204	196	213	257	243	258	270	257	226	202	257	197	195	200	183	210	254	301	268	214	206	219	245	71.08
	MAX	85	81	84	85	84	85	84	84	85	86	84	84	84	85	78	84	80	87	84	87	87	86	87	86	84	84	85	85	86	86	84	84.5
	MIN	65	64	68	68	65	64	64	64	64	64	64	64	64	63	63	64	64	65	67	65	66	65	65	65	65	64	63	64	65	65	64	64.6
ISLAND OF OAHU																																	
HONOLULU OBSERV. 1012.2	EVAP	.37	.45	.45	*	*	.73	.36	.30	.45	.40	.41	.30	.30	.41	.42	.42	.37	.38	.30	.39	.30	.34	.45	.42	.33	.37	.48	.45	.43	.45	.39	11.62
	WIND	33	40	34	44	40	29	40	18	32	31	35	36	39	51	50	52	35	41	34	34	40	37	33	40	51	59	49	38	41	49	54	1270
	MAX	88	70	84	87	88	85	89	86	89	90	89	93	90	90	90	89	88	93	88	87	87	88	93	89	86	91	90	89	92	89	89	89.0
	MIN	66	65	65	65	65	66	64	64	65	64	65	65	65	66	66	65	66	66	66	67	67	65	63	64	66	64	65	64	64	66	67	65.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JULY 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
■ ■ ■ EAST OF 180TH MERIDIAN																																		
JOHNSTON WSO AP		EVAP	.36	.41	.31	.39	.45	.42	.42	.39	.39	.43	.44	.43	.41	.40	.37	.50	.42	.40	.36	.39	.39	.42	.37	.40	.43	.40	.38	.39	.39	.34	.41	12.41
	WIND	197	192	208	241	248	248	236	191	181	188	193	209	187	192	218	280	249	196	154	193	211	207	214	208	214	245	239	241	240	241	250	671.1	
	MAX	87	88	86	87	86	88	85	86	88	87	87	87	88	88	86	86	85	87	88	90	89	89	88	88	85	87	86	83	85	83	87	86	86.7
	MIN	69	69	70	70	69	69	69	68	67	69	69	69	68	69	68	68	70	70	70	70	70	69	70	71	70	69	70	70	70	70	71	70	69.4
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																		
GUAM WSO		EVAP	.28	.23	.18	.23	.24	.33	.17	.23	.14	.15	.29	.35	.25	.27	.20	.12	.22	.21	.18	.31	.11	.15	.12	.27	.23	.12	.13	.15	.11	.20	.01	6.18
	WIND	65	68	34	35	87	116	109	97	75	131	121	104	116	100	41	52	54	65	41	28	29	20	31	61	52	39	21	41	49	39	38	195.9	
	MAX	89	91	86	91	86	84	89	86	87	85	86	89	87	90	86	86	93	90	90	85	91	90	91	91	92	86	84	88	88	83	83	87.8	
	MIN	69	69	69	70	70	72	70	72	70	71	70	71	71	70	71	70	70	70	71	70	70	70	69	70	71	72	70	70	70	73	71	70	70.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A			LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	275					LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIU LA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	7A	7A			KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A			LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A			KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A			NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150					KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A			LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300					MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID			U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID			U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A			MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A			EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740					LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A			MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMER 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320					DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A			DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565					J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170					BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI			WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 05	2220		VAR			H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MIC			NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOME MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240					MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A. ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					CHESTER T. KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20					MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R. CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40					SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALAE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A			WAIALAE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6F		C	PUUOHOKU RANCH MOLOKAI RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	
WAIKAEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCGRATH U OF H AGRIC EXP STA MAUI LAND-PINEAPPLE CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					S
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100			7A		
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHAI 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHAI 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	J
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO HANA RANCH MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO HAWAIIAN COM & SUG CO KAONOULU RANCH
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	
SPECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO PIONEER MILL CO LTD ULUPALAKUA RCH CO LTD PIONEER MILL CO LTD WAILUKU SUGAR CO WAILUKU SUGAR CO E MAUI IRR CO LTD EAST MAUI IRRIGATION CO WAILUKU SUGAR CO EAST MAUI IRRIGATION CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			
WAIHEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY HALEAKALA RANCH CO
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	210		00			
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH NAT HISTORICAL PARK HONOKAA SUGAR CO MAUNA KEA SUGAR CO HAWAII NAT PARK KUKAIAU RANCH CO MAUNA KEA OBSERVATORY HAWAII NAT PARK KOHALA CORPORATION REX WILLS II
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			
HAHINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A		C	
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE STATE DIV OF FORESTRY CAPT COOK CATTLE CO SID WEINRICH SHIGETO L TANAKA MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY STATE DIV OF FORESTRY HUEHUE RANCH
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	
HONAHU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8170		MO			
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC CAPTAIN COOK COFFEE CO. RUSSELL P. SMITH KONA EXPERIMENT STA FLOYD W MC COY HAWAII VOLCANOES NAT PK PARKER RCH-KAPAPALA DIV PARKER RANCH PARKER RCH-KAPAPALA DIV MRS GENEVIEVE T ARRUDA
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			
KAMAOA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A			
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC GREENWELL RANCH STATE DIV OF FORESTRY KOHALA DITCH CO LTD STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. KOHALA CORPORATION
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			
KEAUA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL KONA VILLAGE RESORT HTL LAUPAHOEHOE SUGAR CO HONOKAA SUGAR CO HONOKAA SUGAR CO ST DEPT OF SOCIAL SER MAUNA LOA OBS. ST DEPT OF SOCIAL SER
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES KONA EXPERIMENT STATION STATE DIV OF PARKS
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAKAHALAU 103		5761	02 HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03 KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02 HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05 HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04 N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01 N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03 KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91		6552	02 PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03 KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A	6697	04 S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01 N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02 N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04 S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02 PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01 HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01 HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03 KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02 PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03 KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1		7711	02 S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02 S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02 S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6		8058	01 HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A	8063	02 HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PVAKO 95.1	A	8186	05 KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIIHE 120	A	8393	01 HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAHU 102.1	A	8452	05 HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04 N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01 HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02 S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05 N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02 S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03 KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118		8780	01 HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLO POINT USCG 159.2		8830	01 N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2		9025	02 S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8		9142	04 HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6		9350	01 N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	R 4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

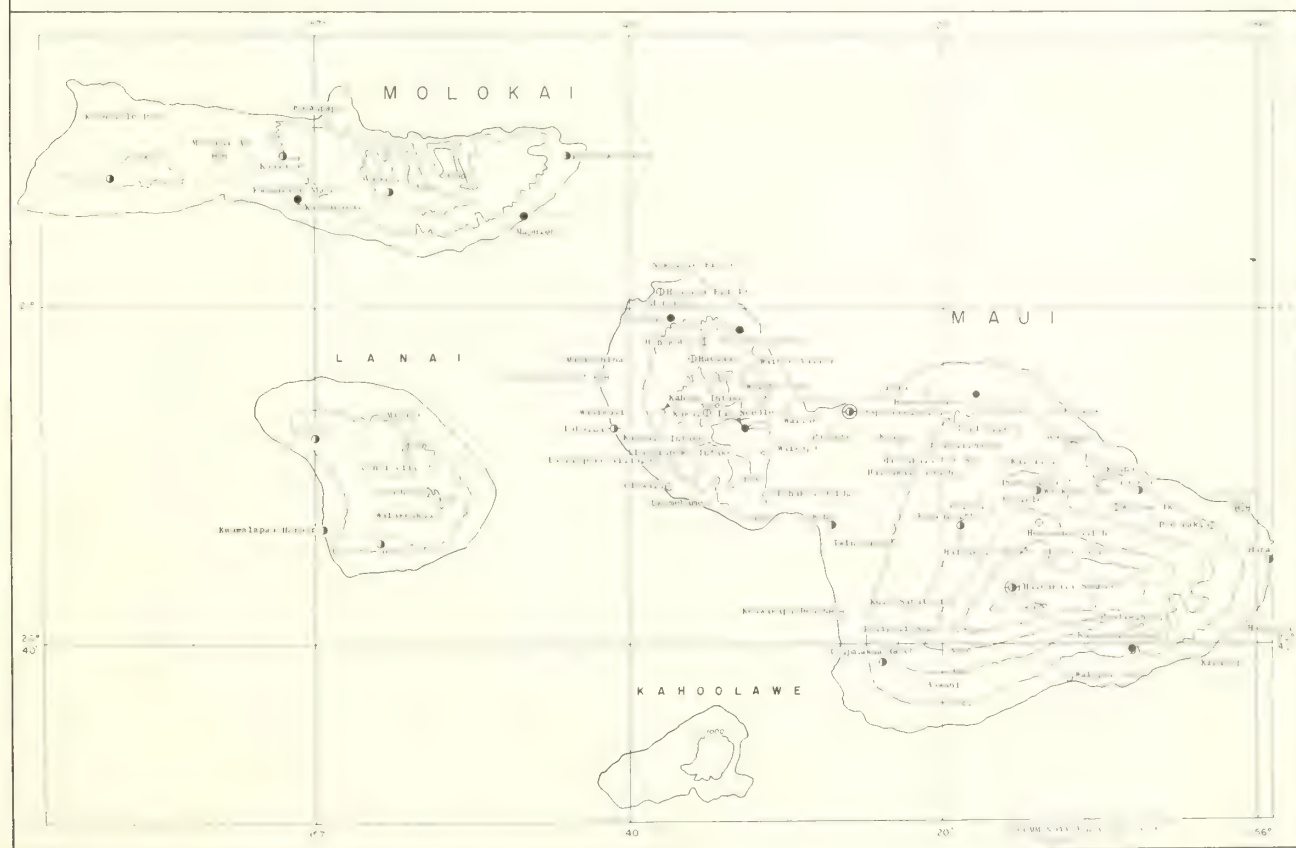
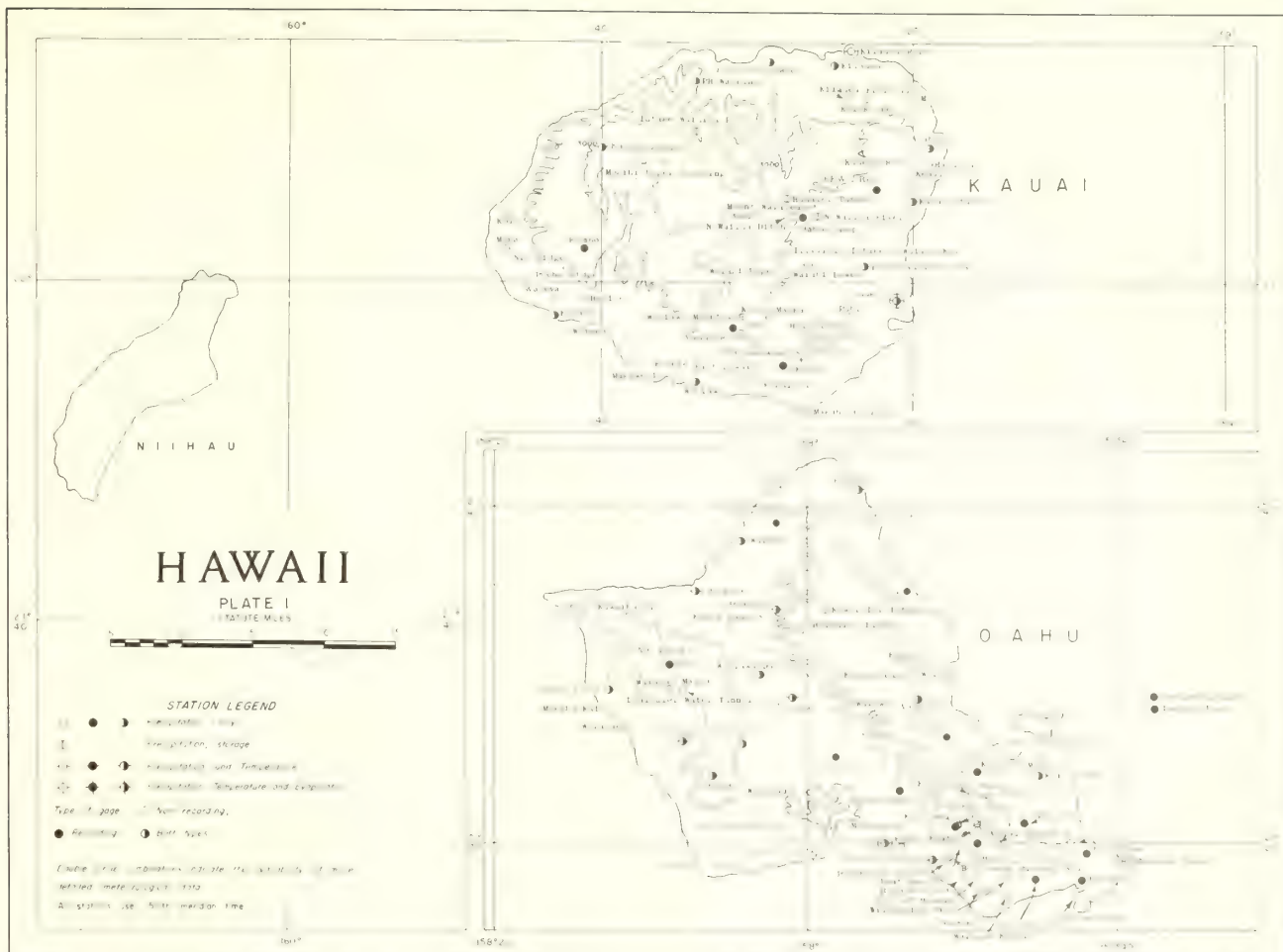
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

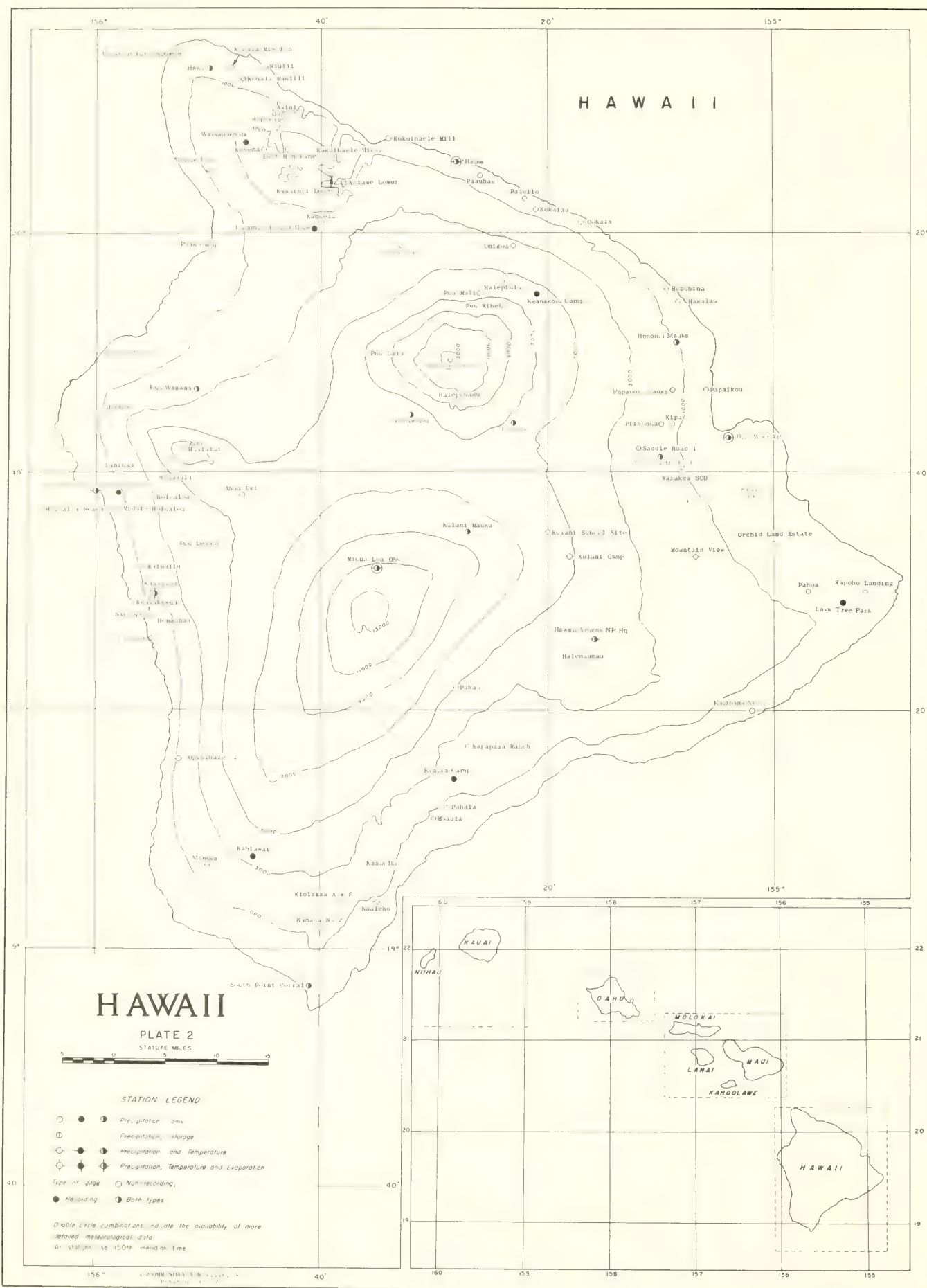
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

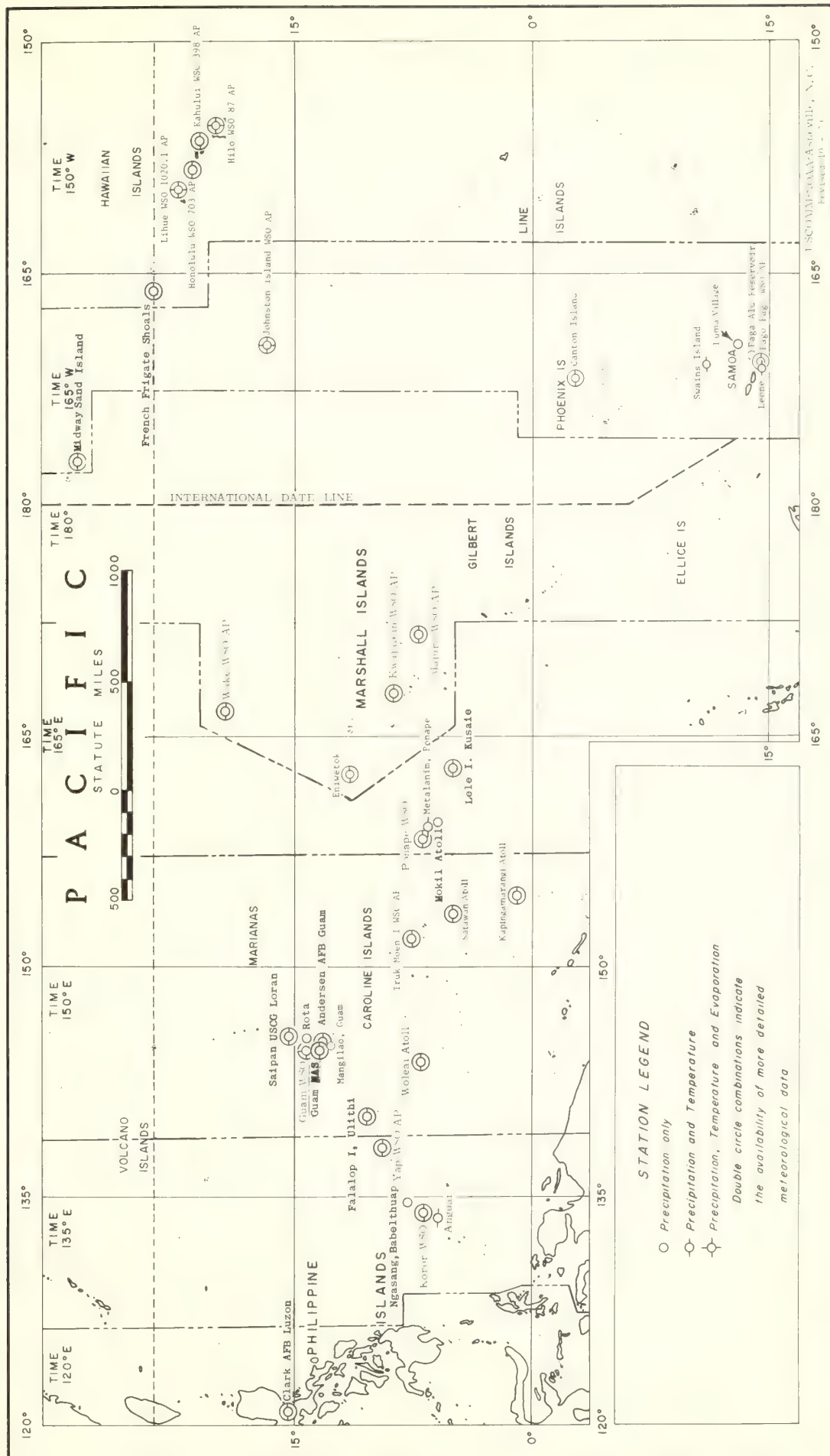
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

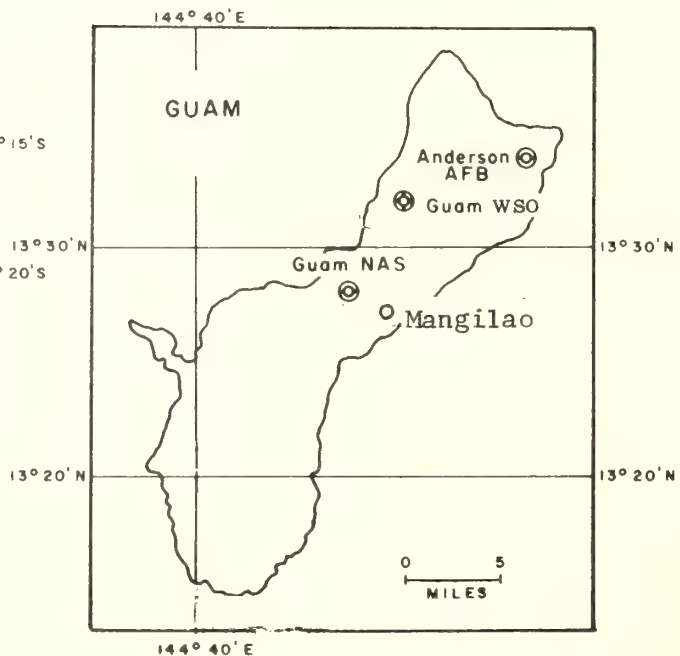
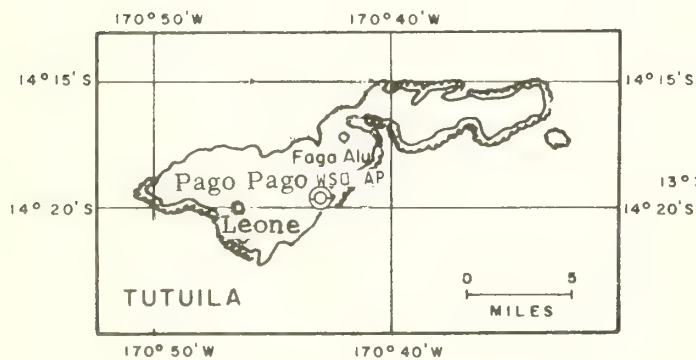
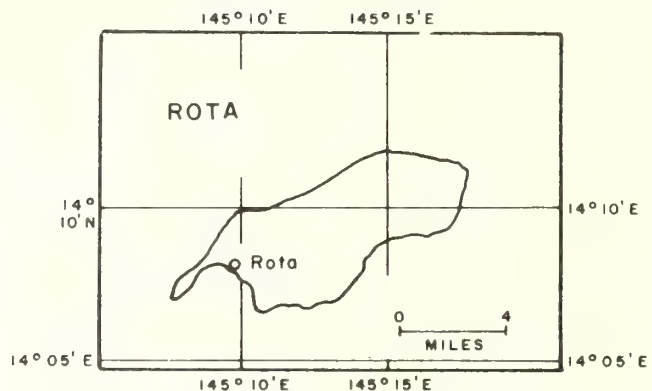
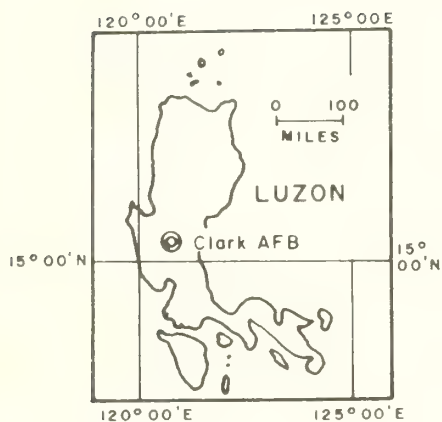
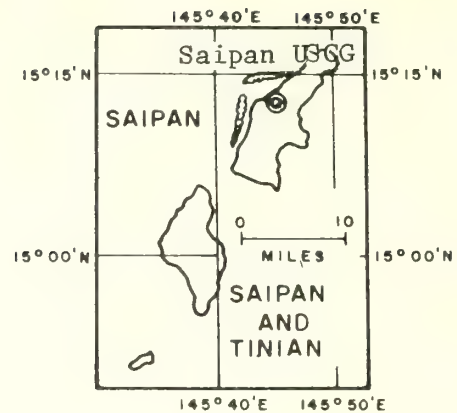
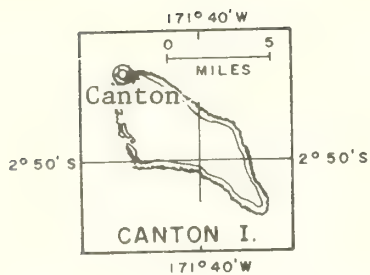
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 10/6/75-970

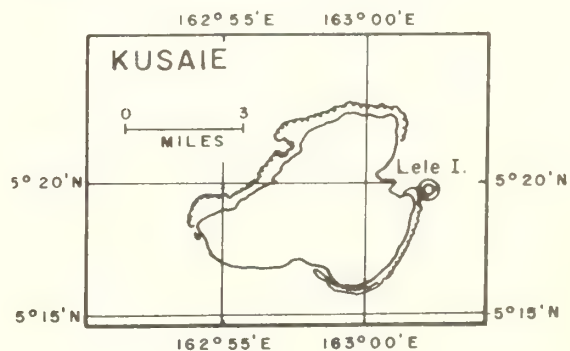
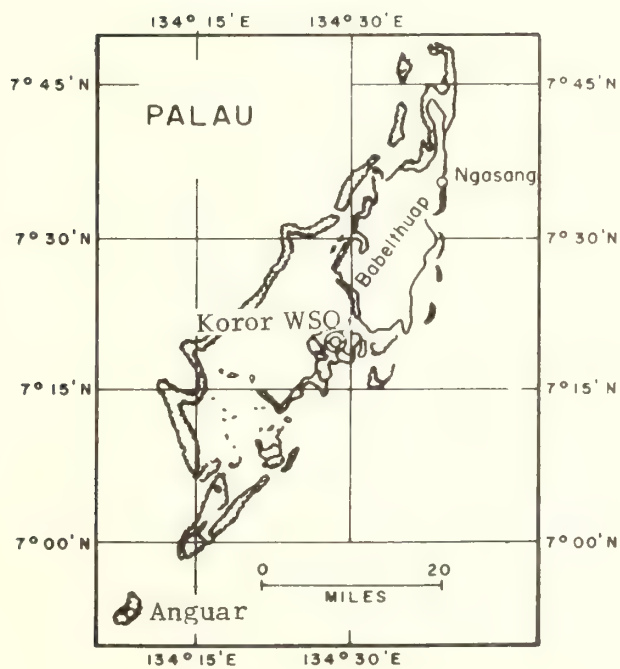
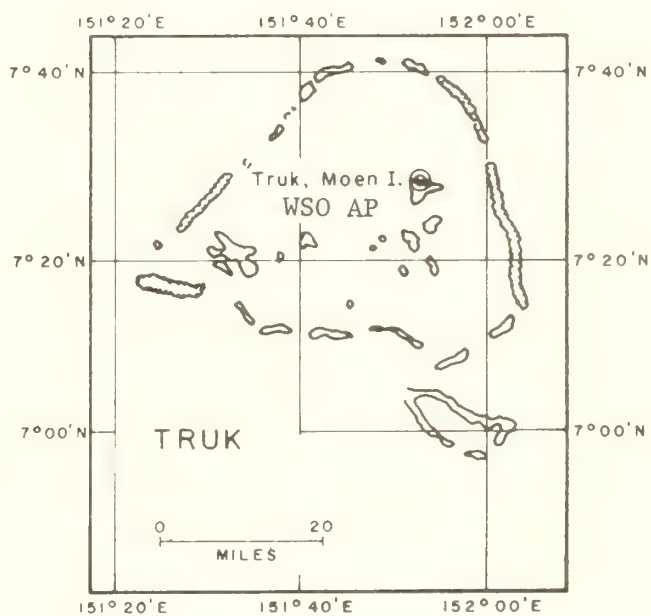
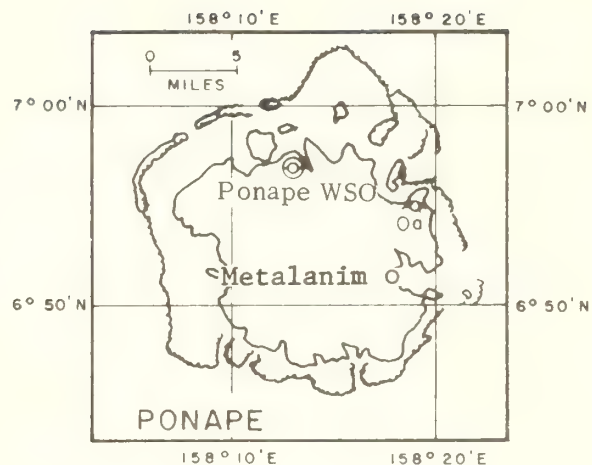
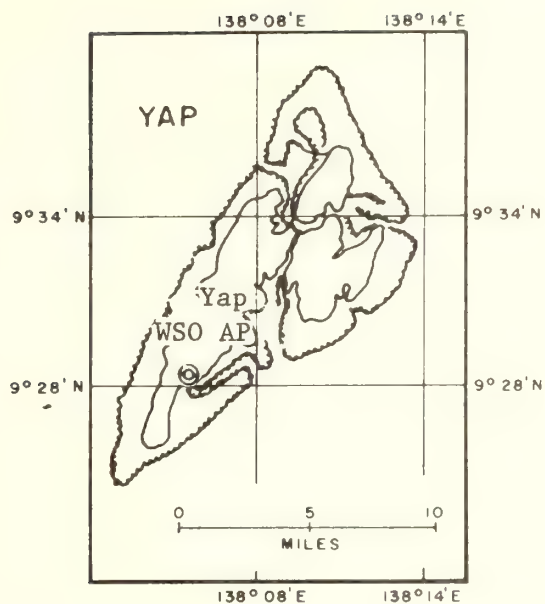




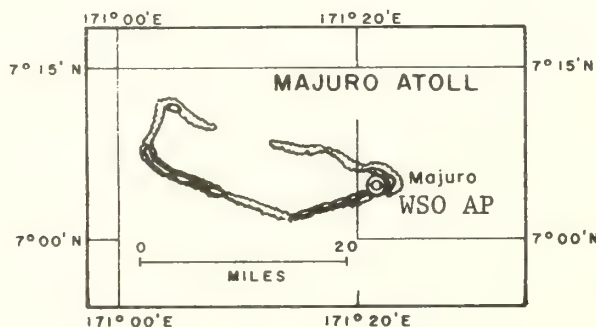
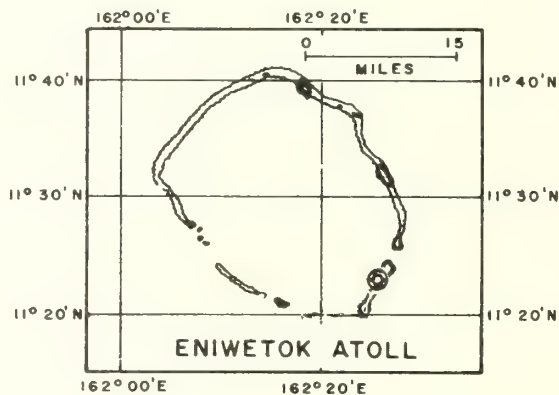
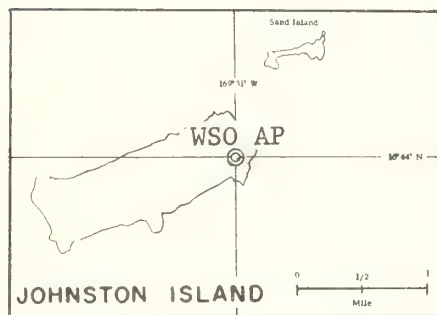
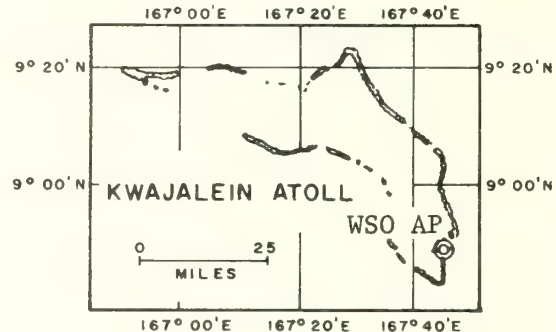
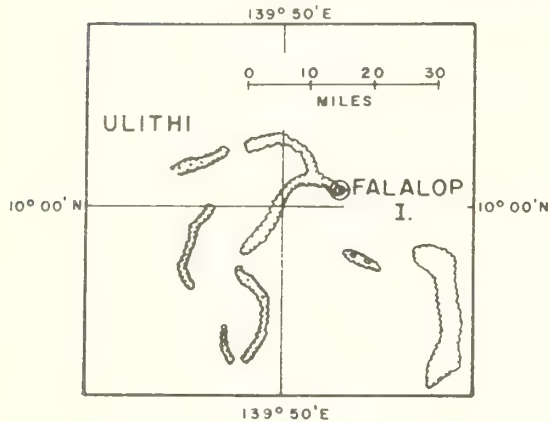
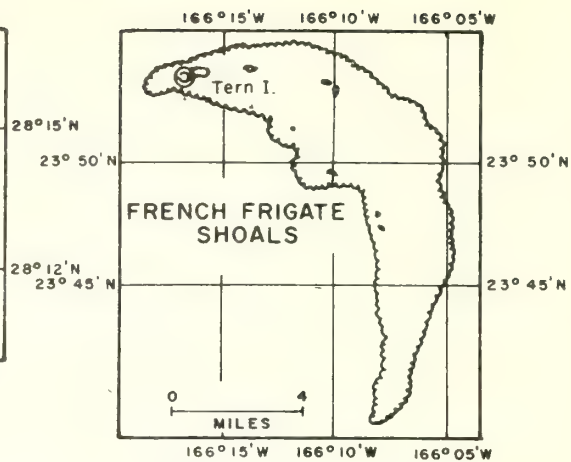
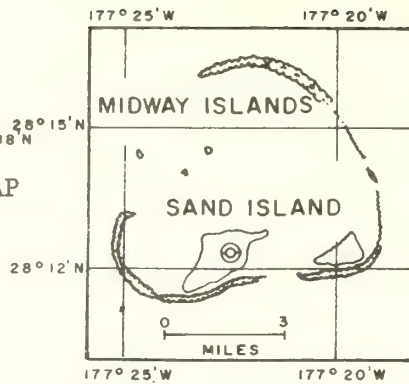
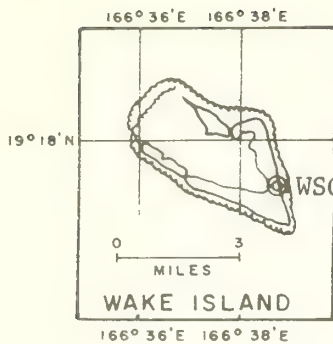




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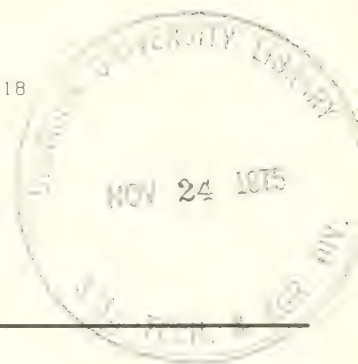
Climatological Data

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	KEAWAKAPU BEACH 260.2	MAUI	91	DATE	18+
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	31	DATE	20
GREATEST TOTAL PRECIPITATION:	PAAKKA 350	MAUI	17.38		
LEAST TOTAL PRECIPITATION:	16 STATIONS		.00		
GREATEST 1 DAY PRECIPITATION:	PAAKKA 350	MAUI	3.03	DATE	18



SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							GREENWICH CIVIL													
							12	18	00	06										
GUAM WSO AP	-	-	-	21	E 30		84	83	94	1	5	6	6	8	2	28	45	9.3		
HILO, HAWAII, WSO AP	33	0.8	5.9	20	E 22	87	80	65	79	3	7	16	5	0	0	31	47	7.6		
HONOLULU, OAHU, WSO AP	6	14.4	14.7	27	E 14+	71	67	50	68	21	2	0	0	0	0	23	75	4.9		
JOHNSTON ISLAND WSO AP	9	16.2	16.5	28	E 15+	77	77	69	75	7	5	1	0	0	0	13	83	6.3		
KAHULUI, MAUI, WSO AP	5	15.5	16.0	35	NE 23	76	73	54	70	4	8	1	0	0	0	13	72	4.6		
KOROR WSO AP	17	1.7	6.2	28	SE 30+	87	-	77	75	2	5	12	1	2	1	23	52	9.2		
KWAJALEIN WSO AP	8	8.9	10.0	24++	13 21	84	84	77	80	2	6	15	4	1	1	29		8.5		
LIHUE, KAUAI, WSO AP	6	14.6	15.0	32	NE 29	78	74	64	74	8	14	3	0	0	0	25	70	6.3		
MAJURO WSO AP	9	7.0	7.7	25	E 11+	87	86	80	81	0	5	13	6	4	1	29	39	9.0		
PAGO PAGO WSO AP	9	12.1	14.3	32	E 31	82	83	73	80	1	10	8	2	0	0	21	69	5.9		
PONAPE WSO AP	-	-	-	19	NE 30	90	-	76	77	3	3	11	9	1	0	27	41	8.6		
TRUK MOEN I, WSO AP	8	4.1	6.8	22	NE 15	86	-	76	76	4	9	7	5	4	1	30	50	9.7		
WAKE WSO AP	9	10.0	12.1	30	E 08	79	81	65	71	2	10	8	1	1	0	22	67	6.1		
YAP WSO AP	17	1.4	6.4	25	SW 01	91	-	80	78	3	4	9	6	4	0	26	56	9.0		

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1975

STATION		TEMPERATURE										PRECIPITATION										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW, SLEET			NO. OF DAYS			
									MAX.	MIN.	TOTAL	DEPTH ON GROUND				DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	.10 OR MORE
HAWAII																						
ISLAND OF KAUAI																						
ANAHOLA 1114	A	73.6	54.7	64.2		79 22	49 27+		0	0	0	0	.85				0	0	0	0	0	0
KANALOHULU 1075													1.09		.26 31		.0	0	0	0	0	0
KAPAA STABLES 1104	A												1.29				.0	0	0	0	0	0
KILAUEA POINT 1133		81.3	71.4M	76.4M		84 31+			0	0	0	0	1.59		.34 25		.0	0	5	0	0	0
KOLOA 936	//R												2.78				.0	0	0	0	0	0
LIMUE WSO 1020.1 AP		82.5	73.7	78.1	- 1.0	85 26	71 23+		0	0	0	0	.86	- 1.35	.16 1		.0	0	3	0	0	0
MANA 1026		87.3	67.5	77.4	- .8	89 24+	64 28+		0	0	0	0	.04	- .73	.04 4		.0	0	0	0	0	0
N WAILUA DITCH 1051	A												7.05				.0	0	0	0	0	0
PH MAINIHA 1115													2.12	- 6.58			.0	0	0	0	0	0
PUEHU RIDGE 1040													.09	- 1.58	.06 29		.0	0	0	0	0	0
WAHIAWA 930	M												.88	- 1.35			.0	0	0	0	0	0
WAIKAI LOWER 1054		80.8	66.1	73.5		83 29	64 23+		0	0	0	0	5.00	- 5.88	.58 4		.0	0	17	1	0	0
WAIKAI 947													.00	- .77	.00		.0	0	0	0	0	0
ISLAND				73.9									1.82				.0					
ISLAND OF OAHU																						
B Y U LAIE 903.1		84.5	72.8	78.7		86 27	70 21+		0	0	0	0	1.04		.26 21		.0	0	5	0	0	0
HONOLULU OBSERV 702.2													.00				.0	0	0	0	0	0
HONOLULU WSO 703 AP	R	87.1	73.0	80.1	- .6	89 31+	70 11		0	0	0	0	.03	- .73	.02 21		.0	0	0	0	0	0
KANEHE MAUKA 781		81.0	71.8	76.4	- .6	84 29	69 17+		0	0	0	0	2.27	- 1.68	.55 22		.0	0	7	1	0	0
KOOLAU DAM 833	A												5.63		1.14 30		.0	0	12	3	1	0
LUALUALEI 804	A	M	M	M					0	0	0	0	.01		.01 18		.0	0	0	0	0	0
MANDA LYON ARBORETUM		79.0	68.0	73.5		82 27+	66 27+		0	0	0	0	7.15		.90 1		.0	0	16	5	0	0
NIUANU RES 4 783													3.94		.86 11		.0	0	11	3	0	0
OPAEULA 870	A	80.0M	65.6M	72.8M	- .3	82 29+	63 7		0	0	0	0	.35				.0	0	0	0	0	0
PALOLO VALLEY 718	M												4.24	- 6.30	.68 11		.0	0	11	3	0	0
PRI WAHIAWA 820.2	M	83.0	66.2	74.6		85 25	62 30+		0	0	0	0	.63		.27 15		.0	0	0	0	0	0
WAHIAWA DAM 863	A												.88				.0	0	0	0	0	0
WAIKOLE 837	A												4.26				.0	0	0	0	0	0
WAIKOLE 896.3		82.5M	72.2M	77.4M		85 30	70 20+		0	0	0	0	.78		.17 22		.0	0	3	0	0	0
WAILUKU 847	A	85.1	65.9	75.5	- 1.1	87 31+	62 29+		0	0	0	0	.25	- 1.01	.08 22		.0	0	0	0	0	0
WAIKIKI 717.2		86.6M	71.6M	79.1M		89 31	66 31		0	0	0	0	.06		.04 31		.0	0	0	0	0	0
WAIMANALO EXP FARM		83.4	72.2	77.8		85 29+	69 11		0	0	0	0	.44		.11 1		.0	0	1	0	0	0
WAIKAWA 750	A												.19		.07 15		.0	0	0	0	0	0
ISLAND				76.6									1.79				.0					
ISLAND OF MOLOKAI																						
KUALAPUU 534	A												.44		.19 14		.0	0	0	0	0	0
MAUNALO A 511	A												.13		.09 15		.0	0	0	0	0	0
MOLOKAI AP 524		86.1	70.3	78.2		89 6	67 12+		0	0	0	0	.42		.12 14		.0	0	3	0	0	0
ISLAND				78.2									.33				.0					
ISLAND OF LANAI																						
LANAI CITY 672	A	76.1M	66.1M	71.1M	- 1.0				0	0	0	0	.17	- 1.46	.04 14		.0	0	0	0	0	0
ISLAND				71.1									.17				.0					
ISLAND OF MAUI																						
HALEAKALA B E S 434	M	66.0	46.0	56.0	- 1.0	71 7	37 29		0	0	0	0	3.19		.84 30		.0	0	8	2	0	0
HALEAKALA RS 338		81.8	69.5	75.7		84 8	65 27+		0	0	0	0	.88	- 2.39	.54 18		.0	0	2	0	0	0
HANA AIRPORT 355													5.74		.87 18		.0	0	15	3	0	0
HONOKOHU 493	A												.91				.0	0	0	0	0	0
KAAHAPALI AP 453.1		83.7	69.1	76.4		85 24+	66 19		0	0	0	0	.22		.07 15		.0	0	0	0	0	0
KAHULUI WSO 398 AP	R	84.6	69.7	77.2	- 1.6	87 23	65 19		0	0	0	0	.61		.31 30		.0	0	1	0	0	0
KAILUA 446		77.7M	67.0M	72.4M	- .9				0	0	0	0	8.08	- 3.15			.0	0	0	0	0	0
KEANAE 346	A																.0	0	0	0	0	0
KIPAHULU 258													1.94	- 5.72	.50 21		.0	0	9	1	0	0
KULA SANATORIUM 267		74.6	58.0	66.3	.0	79 7+	55 27		0	0	0	0	.75	- 1.32	.50 21		.0	0	3	1	0	0
LAHAINA 361		86.8	68.5	77.7	- .3	90 31	67 28+		1	0	0	0	.00	- .33	.00		.0	0	0	0	0	0
PAJA 406													1.93	.26			.0	0	6	0	0	0
WAILUKU 386	A	M	M	M					0	0	0	0	.10	- .67	.44 30		.0	0	0	0	0	0
ISLAND				71.7									2.03				.0					
ISLAND OF HAWAII																						
HAWAII VOLCANO NP HQ 54	R	69.8M	53.7M	61.8M	- 1.4	75 18	51 28+		0	0	0	0	3.07	- 4.13	.36 23		.0	0	21	0	0	0
HILO WSO 87 AP	A	82.8	68.8	75.7	- .2	85 22+	66 29		0	0	0	0	8.13	- 2.75	.95 30+		.0	0	0	5	0	0
HUEHUE 92.1													3.00				.0	0	0	0	0	0
KAINALIU 73.2		77.1	63.8	70.5		81 21+	61 28+		0	0	0	0	6.73	- 1.41	1.17 26		.0	0	24	6	1	0
KEAAU 92		80.5	66.5	73.5		83 24+	64 28		0	0	0	0	9.49		1.47 19		.0	0	0	0	2	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1975

STATION		TEMPERATURE											PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE	
											41" OR MORE	31" OR MORE	21" OR MORE	11" OR MORE											
HAWAII																									
KONA (KAILUA) 68.3	A	M	M	M							0	0	0	0	.70				.0	0		0	0	0	0
KUKUIHALE HIC 199											0	0	0	0	5.28	.39	1.26	31	.0	0		13	3	1	0
KULANI CAMP 79		64.0	49.8	56.9		69	7	43	5		0	0	0	0	3.26		.82	18	.0	0		11	1	0	0
PAHALA 21	A										0	0	0	0	.53		.25	27	.0	0		2	0	0	0
POHAKULOA 107	A										0	0	0	0	1		1	31	.0	0		0	0	0	0
PURAKO 95.1	A	85.7	71.7	78.7		89	29	68	30		0	0	0	0	.02		.02	31	.0	0		0	0	0	0
PUU WAHAA 94.1	A														.81		.60	21	.0	0		2	1	1	0
UMIKOA 118																			.0	0					
WAIKOA SCD 88.2															11.39		1.83	19	.0	0		22	9	2	2
ISLAND				69.5											4.03				.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1975

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE		
											32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW												
PACIFIC																										
■ ■ ■ EAST OF 180TH MERIDIAN																										
CANTON ISLAND		87.2	75.3	81.3		88	30+	72	31+		0	0	0	0	.12		.12	16		.0	0		1	0	0	
FAKA ALU RESERVOIR																										
JOHNSTON WSO AP		83.2	76.9	80.1	- 1.1	84	31+	74	31+		0	0	0	0	.33	- 2.25	.25	19		.0	0		1	0	0	
LEONE															4.19		.70	19		.0	0		15	2	0	
FRENCH FRIGATE SHOALS		84.0	74.5	79.3	.4	88	27+	71	20+		0	0	0	0	1.30	- .44	.46	20		.0	0		3	0	0	
LUMA VILLAGE															4.82		1.34	28+		.0	0		11	3	2	
MIDWAY SAND ISLAND																										
PAGO PAGO WSO AP																										
SWAINS ISLAND		84.1	74.4	79.3	1.1	86	28+	67	4		0	0	0	0	2.95	- 4.45	.73	2		.0	0		10	2	0	
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12° N																										
ANDERSEN AFB GUAM		83.1	75.1	79.1	- 1.0	88	29	72	9		0	0	0	0	23.88	12.57	3.83	18		.0	0		22	15	6	
CLARK AFB LUZON		84.6	73.5	79.1	- .7	90	13+	72	28+		2	0	0	0	16.92	- .50	2.07	10		.0	0		21	11	7	
GUAM NAS																										
GUAM WSO		84.0	71.9	78.0	- 1.1	87	29+	69	28+		0	0	0	0	22.54	10.38	2.76	18		.0	0		22	16	10	
MANGILAO															17.06		1.40	2		.0	0		25	21	3	
ROTA																										
SAIPAN USCG LORAN		87.0	74.6	80.8		89	30+	71	18		0	0	0	0	17.59		2.25	18		.0	0		20	12	7	
WAKE WSO AP		88.5	75.8	82.2	- .4	91	17+	72	12		9	0	0	0	4.48	- 1.87	1.21	25		.0	0		10	2	1	
■ ■ ■ CAROLINE AND MARSHALL ISLANDS																										
ANGUAR															16.11	3.18	3.92	16		.0	0		18	7	6	
ENIWEOTOK		86.8	77.2	82.0	- 1.0	91	29+	69	26		4	0	0	0	7.50	.27	2.51	22		.0	0		10	5	2	
FALALOP I., ULITHI		85.7	79.6	82.7		88	29	72	16		0	0	0	0	14.98		2.73	1		.0	0		19	8	5	
KAPINGAMARANGI ATOLL		87.8	74.8	81.3		90	24+	72	29+		2	0	0	0	8.89		2.20	11		.0	0		13	5	3	
KOROR WSO		87.6	75.6	81.6	.4	91	21	73	13+		6	0	0	0	8.28	- 7.12	2.16	12		.0	0		16	4	3	
KWAJALEIN WSO AP		85.4	76.1	80.8	- 1.7	87	26+	74	30+		0	0	0	0	11.22	1.02	2.37	4		.0	0		21	6	2	
LELE I., KUSAIE		87.8M	73.5M	80.7M	.6	91	14+	70	28+		8	0	0	0	17.46	.77	3.02	5		.0	0		19	12	7	
MAJURO WSO AP		84.4	75.4	79.9	- 1.6	86	30+	72	10		0	0	0	0	16.35	4.57	2.55	4		.0	0		24	11	5	
METALANIM		86.7	80.1	83.4		89	31+	76	18		0	0	0	0	17.90		2.32	13		.0	0		18	12	■	
MOKIL ATOLL																										
NCASANG, BABELTHUAP																										
PONAPE WSO		87.7	72.7	80.2	.1	90	28+	70	26+		7	0	0	0	11.26	- 5.44	1.79	9		.0	0		21	10	1	
SATAWAN ATOLL																										
TRUK, MOEN I., WSO AP		87.0	75.2	81.1	.2	89	28+	72	19+		0	0	0	0	13.72	.28	2.33	10		.0	0		17	10	5	
WOLEAI ATOLL																										
YAP WSO AP		86.1	73.0	79.6	- 1.4	89	29+	67	3		0	0	0	0	11.90	- 3.24	1.39	12		.0	0		19	10	4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975E

HAWAII AND PACIFIC
AUGUST 1975

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST 1975

STATION	TOTAL	DAY OF MONTH																																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31										
HAWAII																																										
KOHALA MAULILI 176	A	3.43	.13	x	x		40	.10	.10		.02	x	x	.66	06		03	.17	.22	x	x	50		17	04	.25		03	x	x		19	05	05	03	02	x	x	1.60			
KOHALA MISSION 175.1	A	5.39	.08	.12	.03		.10	.06	.14		x	.85	.20		25	.16	05	T	.03	.18		01	.41	.31	18	.13	.25		.02	.07	.02		24	T	.08		.02	.73	x			
KOHALE LOWER 196	A	7.44	1.04	x	x		x	x	x		x	T	x	x	x	x	x	x	2.02		x	x	x		x	x	x		2.80	x	x		x	x	x		x	x				
KONA (KAHUA) 68.3	A	.70		x	x		.01		.02					x	.03						x	x	x		x	x	x		03	x	x		15									
KONA VILLAGE 93.8	A	.00																																								
KUKAIHU 222	A	4.80	.07	.62	.01		.20						12	.14	T		08	.11	.19		08	06	48		49	.14	.02		.05		.02		.07		T		.22	1.63				
KUKUHALE HIC 199	A	5.28	.05	.66			.25						26	.21	.03		02	.02	.08		.10	.30		54	.10	.21		.05		.03	.02		.08	.12	.18		.25	1.26				
KUKUHALE MILL 206	A	3.47	.08	x	x		.21	.27		x		x	.07	.01		.05	.05	x	x	.18		31	.24	.39		x	x		.08	.02		.08	.12	.18		.93						
KULANI CAMP 79	A	3.26	.03	.31	.10		.02						.09	.04			.18	.09		.09	.32	.82		19	.11	.18		.16		.03	.03	.13		.04	.03	.08		.19	10			
KULANI MAUNA 76	A	.40	.10																.20																							
KULANI SCHOOL SITE 78	A	3.79	x	.85	x		x	x	x		x	x	x	x	x	x	.60	x	x		x	x	x	x	1.70	x		x	x	x	x	x	x	x	x	x	.48					
LAMAHU 68.2	A	5.71	.38	.03			.25	.19	.03	.16		x	.03	.43		10	.10	.03		.11				.03	.16		1.30	.07	.13		.45	.16	.63		.03	.07						
MAKAHALA 103	A	.22											.22																													
MAUNA 2	A	2.05	T	x	x		10	T			T	x	x	.30	T		T								.70	T		x	x		.70	.25	.30		10		x	x				
MAUNA KEA OBS 111.2	A	T																																								
MAUNA LOA SLOPE OBS	A	.28		x	x	x	.11		x	x		.01		x	.45	x	x	x	x	.07	.08		.01		x	x	x	x	x	x	x	1.20	x	x	x	x	x	x				
MIDDLE HOLUALOA 68.1	A	2.39	x	x	x		.07	x	x	x	x	x	x	.45	x		x	x	x	x	x	.67	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.02				
MIDDLE PEN 147.1	A	.02	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					
MOAULA 18	A	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
MOUNTAIN VIEW 91	A	11.12	.35	.89	.83		.21	.07	.05		.01		.20	.25	.62	.09		12	.51	.37		.13	.55	.43	1.42	.44	.67		.07	.12	.17		.11	.28	.19		.05	.03	.54	1.33		
NAALEHU 14	A	.88					.21	x	x		x	x	x	.14			x	x	x			.25	.20	.15	T					.01					.13	x	x	x				
NAPOOPOO 28	A	2.18	x	x	x		.21	x	x	x	x	x	x	.47	x		x	x	x	x	x	.78		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
NIHUE 179	A	3.15	.12	x	x		.21	.11	.15		x	x	.54	.06		.02	.13		x	x	.77		.27	.12	.31		.07	x	x		.11	.02	.04		.10	x	x	x				
OKALA 223	A	7.22	.15	.57	.07		.07	.03					.04	.47	.08		10	.25	.48		.20	.70	.54		63	.28	.01		.13	.05		.01	.09	.03		.01	T	.51	1.72			
OPINIHAE 2 24.1	A	2.75	.11	T	.05		.06	.01	.44		.14	.02	.06		.22	.08	T		.03	.37	.16		T	.57		.02		.12		.05	.02		.04	.05	T	T	T	.13				
ORCHID LAND EST 91.5	A	8.69	1.51	x	x		x	x	x	x	1.22	x	x	x	x	1.45	x	x	x	x	x	x	x	x	x	x	x	3.52	x	x	x	x	x	x	x	x	.99	x	x			
PAALAHU 217	A	3.75	.40	.50			.07					.01	.07		.15	.07		.03	.06	.24		40	.08	.01				.01		.05		.03	.10	.15		.14	1.41					
PAPAIAHU MAUNA 140.1	A	3.85	.01	.50			.13	T				.03	.13	T		.04	.04	.19		.05	.03	.33		.41	.16	.04		T	.02	.01		.01	T	T		.14	.18	1.41				
PAPAIAHU MAUNA 140.1	A	x	.17	x	x		2.12	.09	.01		.01	x	1.36	.24		.32	.91	.41	x	x	2.70		2.00	.62	.35		.01	x	x		.97	.07	.23		.30	.07	x	x				
PITIHOUA 89	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
POHAKA 220.6	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
POHAKULA 107	A	T																																				T				
PUNO 95.1	A	.02																																				T	.02			
PUU KINE 120	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
PUU LAHU 102.1	A	.28																																				28				
PUU LEHUA 73	A	1.20	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.20					
PUU MALI 113	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
PUU OH 82	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
PUU UAHUA 94.1	A	.81											.02																								18					
SADDLE ROAD 1.84	A	10.60	x	x	x		x	x	x	2.90	x	x	x	x	1	x	x	2.40	x	x	x	x	x	x	x	4.00	x	x	x	x	x	x	x	x	x	1.30	x	x	x			
SOUTH POINT CORRAL 3	A	.96	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.36	x	x					
UMUKOA 118	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
UPOLU POINT USCG 159.2	A	1.01					T	x	x		x	x	.19		.02	T		T	.01		x	.13	.01		.01	.02	.03		T	T		.01	x	x		.01	T	.55	.02			
WAIKAKA SCD 88.2	A	11.39	.12	.85	.51		12	.05				.06		40	.93	.06		.10	.82	.40		.13	.26	1.05		1.83	.36	.50		T		.02	.43	.10		.02	.10	.43	.52	.05	.32	.85
WAIKAKA-BOIS CAS 95.8	A	.61																																					.61			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
EAST OF 180TH MERIDIAN																																		
LANTON ISLAND	12											T		T				.12																
FAGA ALU RESERVOIR	R	.33									T		T		T	.02	.01	T		.25	.01			T	T							T	.03	
JOHNSTON USO AP		4.19	.10	30				.15	.16			.34				.60	.39		.21	.70	.24									.16	.27	.12	.19	
LEONE	1.30	0.		.05	03					.10			.03					.17		.46	.08				.05	.07	.26	.06	.05	.06	.01		.06	
FRENCH FRIGATE SHOALS																																		
LUNA VILLAGE		4.82			T		15		T	03		.04	.16	1.34		T	.18		.23	.16	.45	.50					T	.02	1.34	.12	.10			
MIDWAY SAND ISLAND	R	2.95	.02	.71			.55	.02	T	.01		.02	.22	.03		.19	.06	.06		.27	.17	.02	.03					.14	.14			.03	.10	
PAGO PAGO USO AP																																		
SWAINS ISLAND																																		
WESTERN PACIFIC ISL.																																		
NORTH OF 12 N																																		
ANDERSEN AFB GUAM		23.88	.81	92	.29	.45	29	.71	.88	2.11	2.86	1.40	2.86	1.40	.84	.10	T		T	3.83	.99	.02	T		.90	.32	.07	.58	.59	.03		T	.38	
CLARK AFB GUAM		16.92	1.45	1.62	.04	.25	.92	.02	.90	1.30	1.50	2.07	.23	.04	.43	1.12	.70		.36	.17	.25	.72	.01	.10		.27	.48	.02	.08	.24	1.59	.02	T	.02
GUAM NAS	R	22.54	1.57	.27	.52	.94	.34	.70	.78	1.58	1.82	1.16	2.56	1.78	1.47	.18	T		.01	2.76	.68	.02	.02	1.20	.11	.09	.24	1.00			.01	.50	.23	
GUAM USO		17.06	.19	1.40	.67	.57	.62	.65	.24	.69	1.04	1.27	.78	.65	.62	.69	.78		.08		.50	.75	.65	.70	.95	.70	.20	.76	.70	.03		.03	.15	
MANGILAO																																		
ROTA																																		
SAIPAN USCG LORAN	R	17.59	.30	1.41	1.03	.43	.68		1.73	.55	.13	1.37	.70	1.87	2.10	.91	.02		.29	2.25	.16	.01	.02	.03	.79	.25	.01				.10		.37	
WAKE USO AP	4.48	.01	.04	.01		T	.15		.31	.26	.12	.05	.43	.81					.03		.01		.07			T	.06	1.21	.03	.43	.01	.24	.20	
CAROLINE AND MARSHALL ISLANDS																																		
ANGUARD		16.11	1.00	.34		.42	1.53	.40	.03	.12		12	.33	1.30	.16	.12	.27	3.92	.06			.68		.08	3.23				1.45	.18			.30	.07
CAHNETOK		7.50			03	.03	1.12	.03	.05	.01		19	.54	.27	.91	.41	.77	.24	.04	.01				2.51	.04		.14			.06		.08	.02	
FALALOP I. ULITHI		14.98	2.73	.76	.90	.12	.34	.39	.20	.12	.02		.06	2.53	1.80	.09	.05			1.09	1.52	.33	.03		.11			T	.23	.11		.03	.26	.86
KAPINGMARANGI ATOLL		8.89		.30	.32	.15	.03		.13	2.00	.13	1.07	2.20	.33					.08	.08									.30	.90	.17	.70		
KOROR USO	R	9.59	.21	.45	.10	.31	.03	.01	12	T		15	2.16	1.42	T			.05	.51	1.09	.37	.10	.24	.34			.13				.07	.39	.03	
KWAJALEIN USO AP	R	11.22	T	.45	1.64	2.37	.06	.83	.11	.10	.35	.38	17.47	.89	.24	.18	.06	.27	.03	.89	T	.18	.79	.11	.03	.08	.07				.16	.16	.15	
LELE I. KUSAIE	R	17.46	.05	.95	.16	1.84	3.02	1.53	.13	.75	.85		.40	.52	.19	.07	.14	1.05	.04	1.30		.74	.14						.10	1.85	1.65	.04		
MAJURO USO AP	R	16.35	.01	.10	.45	2.55	.18	.31	.08	.19	.49	1.38	1.42	.22	.63	17.64	1.64	.27	.05	.19	.67	.91	1.33	.16			.26	.06		.62	.04	.84	.49	
METLARIM		17.90	.43			.83	1.20	.60	1.10	.65	1.70	.45		.85	2.32	1.20	2.05		.48	.10	.12				.32									
MOKIL ATOLL																																		
NGASANG-BABELTHUAP																																		
PONAPE USO	R	11.26	.18	.11	.55	.58	.14	.68	.30	.39	1.79	.54	12.77	.09	.87	.79	.47	T	.54		.02	.15	.36		T	.01	.33			T	.34	.94		
SATAVAN ATOLL	R	13.72	.08	.04	.34	.59	.44	.02	1.08	.04	1.34	.233	.52	.03	.04	02	1.11	.84	.02	.40	1.92	.18	.75	T	.03		T	.25	T	.27	.34	.70	T	
TAKU MOEN I. USO AP																																		
WOLEAI ATOLL																																		
YAP USO AP	R	11.90	.67	.44	T	1.30	1.12	.28	1.14	.15		.57	.63	1.39	.44	.03		.38	.01	.33	T	.04	.06	.46	.58	T	.70			.17	.61	.40		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
AUGUST
1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
■ ■ ■																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	71 55	74 56	74 54	73 56	74 56	74 56	76 56	75 58	74 58	74 56	71 53	75 51	73 55	68 58	70 57	72 56	71 56	74 56	72 49	75 52	75 51	79 52	71 54	78 57	75 56	76 55	75 49	75 52	74 54	72 56	73 56	73.6 54.7
KILAUEA POINT 1133	MAX MIN	80 73	81 70	81 70	80 72	82 73	83 73	82 73	81 70	81 72	79 72	81 70	81 72	82 73	81 74	81 71	80 70	80 71	80 73	80 72	81 69	80 71	81 72	81 70	80 68	81 74	82 74	83 73	83 70	84 74	84 73	84 73	81.3 71.4
LIHUE WSO 1020.1 AP	MAX MIN	81 73	82 74	82 75	83 75	82 72	82 75	81 75	82 73	82 74	81 74	81 73	83 74	83 75	82 74	82 75	83 74	81 74	82 75	84 74	82 74	84 71	84 74	83 74	83 71	84 74	84 73	85 74	82 74	83 73	82 74	82 73	82.5 73.7
MAKAHUEA POINT 940.1	MAX MIN	85 74	84 74	84 78	83 75	85 75	84 74	85 75	84 70	85 70	84 75	85 75	82 70	84 76	85 75	84 76	82 76	83 75	83 75	85 73	84 72	85 70	85 76	85 75	86 75	83 73	83 73	83 73	81 75	82 74	82 72	82 75	83.6 73.9
MANA 1026	MAX MIN	89 67	88 67	86 69	88 68	87 67	88 66	89 70	88 70	88 66	87 70	85 67	85 67	87 68	88 66	86 68	87 67	85 66	86 66	88 69	86 69	89 66	88 67	88 68	89 68	88 66	87 64	87 68	88 70	88 70	87 65	87 65	87.3 67.5
NIU RIDGE 1035	MAX MIN	85 61	84 62	83 61	85 62	85 61	84 62	84 63	85 65	83 64	82 62	82 63	83 61	84 62	85 63	83 62	83 64	84 63	83 64	83 63	84 63	83 63	83 63	83 62	82 62	83 62	83 60	83 62	84 61	83 63	82 62	83.5 62.3	
WAIHAI LOWER 1054	MAX MIN	81 58	81 65	81 68	80 68	80 67	80 67	82 66	82 65	80 64	81 66	81 66	80 65	80 65	80 68	81 67	80 65	81 67	80 67	80 65	82 67	81 67	82 68	80 64	81 67	80 66	80 65	80 65	82 65	83 65	82 67	81 65	80.8 56.1
■ ■ ■																																	
ISLAND OF OAHU																																	
B Y U LAIE 903.1	MAX MIN	84 73	84 74	84 74	84 74	85 75	85 74	85 71	84 71	85 71	85 72	85 74	83 70	81 74	81 74	81 71	84 72	84 72	85 74	85 75	84 71	84 70	84 72	85 74	85 73	86 74	85 73	85 73	85 73	84 73	84 73	84.5 72.8	
EWA PLANTATION 741	MAX MIN	85 72			87 69	87 70	88 71	88 70	88 70		88 68	88 69	86 69	87 72			87 68	87 66	87 67	87 67	87 68				88 69	86 67	86 67	87 66	87 66				
HONOLULU WSO 703 AP	MAX MIN	87 73	87 73	87 74	87 74	88 75	86 75	88 74	86 72	86 72	87 73	88 70	87 74	87 74	86 73	86 73	86 74	87 72	88 74	87 71	87 72	87 73	87 73	85 73	86 74	87 74	87 74	88 71	88 72	89 72	89 73	87.1 73.0	
HONOLULU SUBSTA 704	MAX MIN	82 74	81 74	81 74	82 73	83 75	81 75	83 74	82 70	81 70	82 72	82 71	82 73	82 71	82 72	81 72	81 73	83 74	83 74	83 72	83 72	83 72	83 73	83 73	83 73	82 73	82 73	82 73	82 73	83 73	83 73	82.2 72.7	
KANEHE MAUKA 781	MAX MIN	78 72	82 73	81 73	79 69	81 71	82 73	81 72	80 71	82 71	79 71	82 71	82 72	81 73	78 72	79 73	79 73	80 69	80 70	83 70	80 71	81 72	80 74	82 72	81 73	82 70	81 71	82 71	84 71	83 73	83 73	81.0 71.8	
LUALUALEI 804	MAX MIN																	87 74	87 75	86 72	85 66	86 71	84 71	84 71	84 70	86 73	88 66	86 68	87 65	84 67	86 68	87 68	
MANOA LYON ARBORETUM	MAX MIN	78 68	80 69	79 70	77 67	80 69	81 69	78 69	81 66	76 66	76 68	79 68	81 69	77 67	76 67	78 67	77 69	76 68	76 68	81 68	82 68	80 67	80 67	78 67	79 67	80 67	80 67	80 67	80 67	81 68	80 69	79.0 68.0	
OPAEULA 870	MAX MIN	80 66	80 65	77 67	82 68	82 68	76 64	80 63	82 65	76 64	78 64	81 67	80 66	80 65	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80 66	80.0 65.6	
PRI WAIHANA 820.2	MAX MIN	83 69	84 66	84 68	84 66	84 67	84 67	83 69	83 69	82 66	81 67	83 65	84 65	84 66	83 68	82 68	81 67	80 67	84 67	83 65	83 65	84 66	83 66	82 67	82 68	85 67	84 64	83 65	83 63	84 62	82 62	82 67	83.0 66.2
WAIALEE 896.3	MAX MIN	81 71	83 72	83 74	83 74	83 74	82 73	82 73	82 72	82 70	82 70	82 73	83 73	82 70	82 70	83 70	83 72	82 74	82 72	83 74	83 72	83 72	82 71	82 73	82 71		82 72	84 72	82 72	85 72	83 72	82.5 72.2	
WAIALUA 847	MAX MIN	84 66	85 68	86 65	85 68	85 68	86 68	85 66	85 68	84 68	83 65	86 66	87 63	86 66	84 67	83 67	83 68	85 70	86 65	86 66	85 63	85 66	86 63	85 64	86 67	86 69	84 69	84 62	86 63	86 63	87 64	87 69	85.1 65.9
WAIKIKI 717.2	MAX MIN	86 72	86 73	87 73	87 73	87 73	87 73	86 71	86 71	86 71	86 71	87 73	86 73	86 72	86 73	87 73	86 72	86 72	86 71	86 71	86 71	87 72	87 72	87 72	87 72	87 72	87 72	87 72	87 72	87 72	87 72	86.6 71.6	
WAIMANALO EXP FARM	MAX MIN	82 72	83 72	84 73	81 71	84 73	84 73	84 73	83 71	83 69	80 70	83 72	85 73	83 74	82 72	83 72	83 71	83 72	83 74	83 73	83 73	84 73	83 73	84 73	84 73	84 73	84 73	84 73	84 73	84 73	84 73	83.4 72.2	
■ ■ ■																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN	86 70	84 71	85 70	86 68	84 67	89 77	88 69	87 73	86 68	83 70	88 67	85 67	88 71	88 70	86 72	87 69	83 69	86 76	88 69	86 69	88 69	88 74	88 69	85 73	88 69	85 68	87 75	86 68	85 70	86 69	84 72	86.1 70.3
■ ■ ■																																	
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	76 67	76 66		77 65	77 66	79 67	77 66	76 65	76 66	77 66	76 67	78 67	76 66	73 67	77 65	73 66	75 67	76 67	75 67	75 64	76 67	77 66			78 67	75 65	76 65	76 65	76 65	76 67		76.1 66.1
■ ■ ■																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	62 45	66 38	64 50	67 58	68 49	70 60	71 55	69 55	69 44	65 44	65 45	67 48	66 50	63 50	65 43	70 43	69 39															

DAILY TEMPERATURES

HAWAII AND PACIFIC
AUGUST
1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX MIN	79 67			78 67	78 68	80 67	78 68	80 69		77 66	78 70	80 69	75 67	77 67		77 65	75 68	76 67	77 66	76 67					78 66	77 66	78 64	78 68	78 64	79 68		77.7 67.0
KEAWAKAPU BEACH 260.2	MAX MIN	87 65	89 66	90 60	89 65	89 66	89 68	90 65	89 67	91 66	84 65	87 69	88 68	89 65	88 66	90 66	89 66	90 65	91 66	85 65	89 65	87 65	89 68	88 66	87 65	89 65	87 65		88 64	87 67	86 66	88.3 65.6	
KULA SANATORIUM 267	MAX MIN	77 59	75 56	77 59	73 60	76 58	79 60	75 59	75 58	75 59	73 59	76 60	72 60	74 57	74 58	74 58	76 59	74 58	74 58	72 59	78 58	74 57	72 57	72 58	77 57	73 57	74 56	72 55	72 57	76 57	74 58	74 59	74.6 58.0
LAHAINA 361	MAX MIN	88 69	86 68	85 69	85 69	85 67	86 67	86 69	87 68	85 68	87 68	85 73	86 68	87 68	89 70	86 68	87 69	85 70	87 68	86 67	86 68	86 67	89 69	88 71	88 69	88 67	88 67	89 67	88 68	85 69	90 68	86.8 68.5	
WAILUKU 386	MAX MIN	82 71			82 70	82 70	84 71	82 71			81 71	83 71	81 70	81 71	81 70		81 69	78 71	81 70	81 70		82 72				84 69	81 70	81 70	81 70	82 69			
ISLAND OF HAWAII																																	
HAWAII VOLCNS NP HQ 54	MAX MIN	70 55	68 53	68 55	68 55	71 54	71 54	69 53	71 57	71 58	68 55	70 54	68 54	70 55	70 52	75 53	71 53	65 52	70 54	69 53	70 52	69 53	68 52	69 53	68 52	69 51	69 53	68 52	69 51	73 55	74 56	69.8 53.7	
HILO WSO 87 AP	MAX MIN	79 69	82 68	84 70	83 70	84 70	82 70	84 69	81 67	83 69	83 70	82 69	83 70	84 70	78 69	80 68	82 68	80 69	81 68	85 68	85 67	84 67	81 68	83 68	83 67	84 68	82 67	83 66	84 69	84 69	82.6 68.8		
KAINALIU 73.2	MAX MIN	75 64	79 63	79 62	79 62	79 65	77 65	77 65	73 65	75 66	80 68	74 66	75 65	77 65	78 64	75 67	76 62	80 64	79 63	81 62	81 62	76 65	78 65	78 65	77 64	75 61	75 61	74 61	77 63	76 62	79 64	77.1 63.8	
KAMUELA 192.2	MAX MIN	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 46	76 45	76 45	76 46	76 46	76 46	76 46	76 46	75 46	75 46	75 46	75 46	75 46	75 46	76 46	76 46	76 46	75.8 45.7		
KEAAU 92	MAX MIN	82 66	77 66	79 67	81 68	80 68	81 68	81 66	83 65	81 65	81 69	81 69	82 67	81 67	81 68	81 66	77 66	78 66	80 67	77 66	80 66	80 66	82 65	82 65	83 65	80 65	79 65	81 65	80 64	80 65	82 65	82 69	80.5 66.5
KOHALA MISSION 175.1	MAX MIN	80 69	81 68	81 68	82 68	81 69	81 68	79 68	80 70	80 67	78 70	80 68	81 68	82 70	81 68	79 68	80 68	77 69	82 68	80 66	80 66	81 68	82 68	80 68	80 68	79 67	81 66	82 66	83 67	79 68		80.5 67.9	
KONA (KAILUA) 68.3	MAX MIN	84 70			85 70	82 70	85 72	82 71	84 70		85 70	85 72	86 71	85 72		84 69	86 72	84 70		82 71					85 69	81 71	83 68	82 68	84 70				
KULANI CAMP 79	MAX MIN	64 49	62 48	62 51	61 44	64 43	68 46	69 48	66 51	64 52	65 49	65 54	62 50	65 51	65 51	62 48	64 47	62 48	66 56	65 47	65 50	64 55	64 50	63 48	61 49	62 48	63 49	62 49	62 49	65 51	67 59	64.0 49.8	
MAUNA LOA SLOPE OBS	MAX MIN	51 35	46 33	51 36	57 37	55 40	56 38	52 37	56 37	56 40	51 37	56 36	58 36	59 43	63 44	58 40	52 38	52 33	50 32	48 32	51 31	56 38	60 39	58 42	57 38	55 38	53 38	54 37	53 36	60 40	55 38	51 36	54.5 37.3
MOUNTAIN VIEW 91	MAX MIN	77 62	78 62	78 62	78 62	77 63	77 63	75 62	79 62	80 62	80 62	73 64	79 62	78 63	77 63	77 61	77 61	77 61	75 62	71 61	76 61	79 62	80 60	80 61	80 61	80 61	73 61	78 61	75 60	81 60	81 60	77.5 61.5	
NAALEHU 14	MAX MIN	84 70	82 68		84 69	83 68	85 69	85 65			84 68	83 70	85 68	85 69	84 70		85 69	83 67	76 67	82 68	82 69				86 68	83 68	84 67	84 66	84 66				
OOKALA 223	MAX MIN	79 68	79 68	80 68	80 67	81 69	80 70	80 69	81 69	81 69	80 69	81 68	82 69	80 67	80 66	79 66	76 66	78 68	74 66	79 66	80 66	80 67	83 67	80 68	79 68	79 67	80 67	82 67	81 68	80 69		79.9 67.9	
OPIHIHALE 2 24.1	MAX MIN	78 60	81 61	82 63	80 64	82 65	82 66	79 64	76 64	77 63	81 64	78 63	78 61	81 63	79 60	72 61	82 61	82 61	80 61	77 63	74 62	82 60	78 61	75 63	75 62	76 59	75 61	77 59	83 60	80 62	78.8 61.8		
PAHALA 21	MAX MIN	84 64	85 61		83 63	82 62	84 63	83 63			85 65	80 63	85 63	86 66	82 65		84 63	84 67	76 61	81 62		81 62				87 65	81 63	82 62	82 63	83 62			
PUAKO 95.1	MAX MIN	86 74	85 73	87 74	86 74	84 73	87 72	87 72	86 73	85 70	86 73	87 75	87 73	85 74	89 74	85 72	87 70	84 69	86 69	86 69	84 71	87 74	87 70	87 71	87 70	85 71	83 70	84 70	81 68	84 69	85.7 71.7		
UPOLO POINT USCG 159.2	MAX MIN	82 69	84 69	84 67	84 66	84 66	80 67	83 70	85 71	82 65	83 61	83 67	84 73	85 71	85 69	84 70	83 69	82 71	84 67	85 68	84 68	85 70	85 70	84 69	84 69	85 69	84 70	85 68	84 69	82 70	83.7 68.4		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
AUGUST 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	87 77	88 77	87 77	88 75	87 77	88 76	85 77	87 77	87 76	88 77	88 76	88 76	87 76	87 76	87 74	87 75	88 76	86 75	86 74	87 74	87 74	87 73	87 73	87 76	88 75	88 75	88 76	88 72	87 72	87 75.3		
JOHNSTON WSO AP	MAX MIN	82 77	83 77	83 78	83 78	83 77	83 78	84 78	83 78	83 77	84 76	83 77	83 78	84 78	83 77	82 75	83 76	83 76	84 77	82 75	83 74	83 75	83 76	84 77	83 78	84 77	84 78	84 75	84 74	84 75	83.2 76.9		
LEONE	MAX MIN																																
FRENCH FRIGATE SHOALS	MAX MIN	85 74	87 71	83 75	88 76	87 74	83 75	87 77	82 76	83 75	83 76	85 74	87 76	86 78	84 77	84 75	84 75	82 73	85 73	82 73	84 71	84 74	79 74	82 75	85 75	84 74	84 74	88 75	82 75	80 74	84 73	81 72	84.0 74.5
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	84 78	84 73	84 69	84 67	84 69	84 69	84 73	84 78	85 78	84 78	84 73	84 70	84 69	86 73	86 72	84 72	85 79	84 75	84 75	83 78	83 77	83 78	84 77	85 72	84 70	85 78	86 79	84 78	84 76	81 75	84.1 74.4	
SWAINS ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	79 74	81 75	81 74	80 75	83 77	82 74	82 75	80 74	81 72	79 73	80 75	82 74	81 74	83 77	84 77	86 78	85 79	82 75	86 74	84 73	86 78	82 73	86 76	84 77	85 75	86 75	87 76	88 77	83 75	83 76	83.1 75.1	
CLARK AFB LUZON	MAX MIN	90 73	86 73	88 73	88 73	84 73	84 72	82 73	82 72	79 73	79 72	88 73	88 75	90 73	81 75	82 73	88 75	88 75	86 75	82 75	86 75	84 75	84 73	82 73	86 73	82 73	81 72	81 72	81 72	88 73	86 75	84.6 73.5	
GUAM NAS	MAX MIN																																
GUAM WSO	MAX MIN	82 72	81 72	83 73	81 73	85 72	83 72	84 72	81 72	82 71	80 71	81 71	82 72	81 73	86 73	86 71	86 77	86 72	83 76	86 72	85 71	86 74	82 70	86 70	85 71	85 72	86 69	87 69	87 72	85 73	85 72	84.0 71.9	
SAIPAN USCG LORAN	MAX MIN	87 76	86 76	86 74	86 74	86 73	87 79	88 73	88 75	88 77	85 72	85 76	87 73	83 73	86 76	88 76	87 77	89 79	88 71	84 74	87 75	87 76	88 74	87 72	88 75	88 74	87 72	89 73	88 76	89 74	88 75	87.0 74.6	
WAKE WSO AP	MAX MIN	89 76	87 74	89 77	90 78	91 79	88 75	89 74	88 73	89 73	89 75	83 73	84 72	88 77	90 79	89 79	91 78	90 77	89 76	89 77	90 77	90 77	90 76	90 75	82 73	88 77	89 75	89 77	87 73	89 73	88 77	88.5 75.8	
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX MIN	85 76	86 80	86 80	85 80	85 72	86 73	85 72	89 78	87 75	85 78	86 72	87 78	81 81	87 75	81 79	90 72	87 79	85 79	88 80	89 81	87 73	90 77	85 79	87 81	86 79	89 69	89 73	91 78	91 81	85 79	87 84	86.8 77.2
FALALOP I. ULITHI	MAX MIN	85 82	85 80	87 81	86 78	83 79	85 79	85 79	85 80	85 80	86 81	85 77	85 79	85 80	86 82	86 82	87 72	86 80	85 82	85 82	86 77	86 78	85 80	86 81	86 80	86 81	86 79	87 79	86 82	87 79	88 80	84 79.6	
KAPINGAMARANGI ATOLL	MAX MIN	88 75	89 75	88 72	84 76	85 75	88 72	88 76	88 75	85 75	86 75	87 72	86 75	88 78	89 75	88 78	88 74	89 72	89 75	88 76	89 74	88 75	88 75	89 75	89 76	89 76	88 75	85 72	89 75	89 75	87.8 74.8		
KOROR WSO	MAX MIN	83 75	85 74	89 76	87 74	85 75	90 76	89 73	88 76	89 76	90 77	88 78	83 73	84 73	88 77	90 79	89 78	89 76	83 75	88 74	89 77	91 76	89 75	82 75	89 77	89 76	90 76	89 74	90 75	85 76	89 76	87.6 75.6	
KWAJALEIN WSO AP	MAX MIN	86 79	86 76	86 75	84 74	85 76	83 75	84 76	84 77	85 75	85 76	86 75	86 75	87 75	86 76	85 76	86 77	85 76	87 77	86 74	84 78	85 74	85 74	86 78	86 77	87 77	86 79	86 80	86 81	85 80	85 80	85.4 76.1	
LELE I. KUSAIE	MAX MIN	87 73	89 73	87 71	88 74	91 71	87 71	87 71	89 72	85 72	85 76	86 76	88 75	91 75	88 71	88 76	90 70	87 74	86 74	86 76	87 74	90 74	90 74	90 75	87 77	88 75	88 75	90 70	85 75	86 72	86 76	87.8 73.5	
MAJURO WSO AP	MAX MIN	86 78	86 78	85 76	81 74	83 76	84 75	83 73	85 75	85 77	85 72	85 74	85 75	83 75	85 76	84 75	83 75	82 74	86 75	85 75	82 75	85 74	84 76	85 74	84 76	85 78	83 75	86 76	85 75	86 77	85 75	84.8 75.4	
METALANIM	MAX MIN	87 82	87 82	86 80	86 78	87 79	87 80	86 78	87 81	86 82	86 83	87 80	87 81	87 80	84 80	84 80	87 81	87 80	86 76	88 77	87 78	88 79	86 80	87 82	86 81	88 80	87 80	86 81	88 81	89 80	89 80	86.7 80.1	
PONAPE WSO	MAX MIN	89 73	90 76	89 74	85 73	88 73	89 73	88 72	85 73	80 73	88 74	83 73	89 70	88 72	87 72	89 71	88 74	89 75	89 74	88 75	87 74	88 74	90 70	90 74	90 71	90 72	90 70	89 71	88 75	88 71	87.7 72.7		
TRUK. MOEN I. WSO AP	MAX MIN	87 75	88 78	88 77	87 75	87 75	88 75	85 72	87 73	86 73	87 74	88 76	89 75	87 74	86 74	81 73	87 79	88 75	83 72	87 76	87 74	88 76	87 77	88 76	88 75	88 75	89 79	86 76	87 76	88 77	87.0 75.2		
WOLERI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	84 72	88 70	88 67	83 70	82 72	85 74	79 73	87 73	87 74	86 73	87 74	82 73	83 71	88 72	89 79	87 75	87 74	88 76	87 74	88 75	87 70	85 70	88 74	88 72	86 73	87 72	88 74	89 77	87 73	87 72	86.1 73.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
AUGUST 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
LITHUE WSO 1020.1 AP	EVAP	.36	.30	.45	.40	.31	.38	.41	.34	.48	.41	.31	.31	.27	.31	.35	.41	.48	.28	.39	.35	.39	.38	.36	.37	.45	.45	.39	.40	.40	.36	.32	11.57
	WIND	241	235	237	262	221	233	247	195	225	230	172	189	241	269	291	306	276	239	187	207	201	227	241	261	255	208	198	210	180	226	191	7101
	MAX	83	84	85	85	85	85	85	85	84	85	84	84	84	82	84	84	84	84	85	85	86	85	86	84	85	84	86	84	85	85	85	84.5
	MIN	65	65	65	65	65	65	65	65	64	64	65	65	66	65	66	64	65	64	64	64	64	64	63	65	65	65	63	64	64	65	65	64.6
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.45	.45	.45	.34	.30	.26	.32	.30	.37	.31	.30	.39	.45	.36	.40	.40	.40	.31	.32	.38	.25	.40	.45	.40	.45	.45	.50	.45	.41	.34	11.66
	WIND	47	47	53	56	50	46	47	40	32	39	26	29	42	53	54	56	50	43	28	31	32	34	46	55	46	36	32	34	33	39	28	1284
	MAX	86	92	94	92	90	91	90	89	87	90	89	90	88	91	88	88	89	90	89	90	90	87	91	90	89	86	88	90	92	89	91	89.5
	MIN	65	65	66	66	67	67	66	66	65	66	67	66	65	65	67	64	65	65	64	66	65	65	66	66	65	65	66	64	65	65	65	65.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
AUGUST 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO RP	EVAP	.39	.40	.39	.39	.37	.36	.39	.37	.41	.36	.38	.38	.39	.46	.33	.33	.35	.39	.38	.39	.38	.39	.40	.36	.40	.38	.47	.35	.42	.40	.43	11.99
	WIND	209	247	-	225	226	216	241	217	258	227	246	205	214	269	228	254	202	194	196	241	224	207	195	205	189	138	203	151	-	199	66728	
	MAX	88	89	88	87	86	86	90	88	87	89	88	89	89	88	88	88	89	91	89	87	88	88	88	88	88	90	90	89	88	88	88	88.3
	MIN	70	70	71	71	71	72	71	71	71	70	70	71	70	69	70	70	70	69	70	71	71	71	71	70	71	67	70	69	70	70	68	70.1
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.11	.05	.13	.09	.27	.24	.18	.17	.18	.08	.05	.02	.18	.31	.09	.31	.27	.28	.19	.23	.24	.21	.16	.19	.22	.12	.15	.21	.24	.34	.18	5.69
	WIND	40	28	64	77	157	90	92	71	66	56	93	85	59	67	27	56	99	86	71	53	88	29	84	69	81	46	29	42	60	212	55	2232
	MAX	78	78	81	79	87	81	84	80	79	76	78	80	81	92	85	90	89	83	86	85	84	85	89	87	88	85	89	94	89	88	85	84.4
	MIN	71	69	70	70	70	71	71	71	70	69	69	70	70	69	72	74	72	70	76	69	72	71	68	68	70	71	69	70	70	70	69	70.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180					LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	A 0465	02	KAWAIHAU	2	22 06	159 22	275					LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218					LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	7A	7A			KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A			LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	A 4272	03	WAIIMEA	3	21 58	159 43	9		8A			KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A			NICK RAPOZO
KILAUEA POINT 1133	A 4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	A 4650	03	WAIIMEA	3	22 02	159 41	2150					KEKAHA SUGAR CO
KOLO 1033	A 4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A			LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	A 5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	A 6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	A 6097	02	KOLOA	2	21 55	159 28	300					MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID			U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID			U. S. GEO. SURVEY
NIU RIDGE 1035	A 6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650					LIHUE PLTN CO LTD
PH WAINIHA 1115	A 8155	01	HANAIEI	1	22 12	159 34	101		6A			MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	A 8165	01	HANAIEI	1	22 13	159 29	295		9A			EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	A 8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	A 8694	02	LIHUE	2	22 04	159 27	740					LIHUE PLANTATION CO.
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A			MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	A 8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052	A 8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943	A 9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947	A 9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	A 0055	01	KOOLAUPOKO	1	21 26	157 51	320					DON MITCHELL
BERETANIA PUMPING STA	A 0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	A 0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	A 0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A			DEL MONTE CORPORATION
COCONUT ISLAND 840.1	A 0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	A 0438	02	HONOLULU	2	21 21	157 50	565					J.L. BANNING
EWA PLANTATION 741	A 0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	A 0964	02	HONOLULU	2	21 23	157 54	170					BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI			WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR			H. V. VON HOLT
HONOLULU OBSERV 702.2	A 1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
#HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID			NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI			WAIHAOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEHOE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAUP DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240					MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20					MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40					SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAIHAOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHAOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHAOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHAOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					WAIMANALO EXP FARM
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUAPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUAPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH. LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH MOLOKAI RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR DOLE COMPANY
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620		7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAUUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY DOLE COMPANY
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO.
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					MAUI LAND-PINEAPPLE CO BOB MCGRATH
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA HALEAKALA RANCH CO
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK LKHEED SP & MSLE DIV
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960		8A		C	
HALI'IMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH HALEAKALA NATL PARK RGS
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS AMFAC PROPERTIES INC
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG PIONEER MILL CO LTD
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI		C	
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		J	NATL WEATHER SERVICE E MAUI IRR CO LTD
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD PIONEER MILL CO LTD
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI		C	
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					KAUPO RANCH HAWAIIAN COM & SUG CO
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD A. L. CORELL
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO HANA RANCH
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO KENNETH WILLEY
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM PIONEER MILL CO LTD
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD PIONEER MILL CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO PIONEER MILL CO LTD
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD HAWAIIAN COM & SUG CO
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO. WAILUKU SUGAR CO
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY E MAUI IRR CO LTD
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO KAONOULU RANCH
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAILOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCONS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOKA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A			MRS GENEVIEVE T ARRUDA
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEARU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 159	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAKAHALAU 103		5761	02	HAWAII	1 19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3 19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2 19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5 19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4 19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1 20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3 19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91		6552	02	PUNA	2 19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3 19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A	6697	04	S KONA	4 19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1 20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2 20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4 19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2 19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1 20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAAULO 221		7312	01	HAMAKUA	1 20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3 19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2 19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3 19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1		7711	02	S HILO	2 19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2 19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2 19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6		8058	01	HAWAII	1 20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A	8063	02	HAMAKUA	2 19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PURKO 95.1	A	8186	05	KOHALA	5 19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1 19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	A	8452	05	HAMAKUA	5 19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4 19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1 19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2 19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5 19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2 19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3 18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118		8780	01	HAMAKUA	1 19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1 20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAE SCD 88.2		9025	02	S HILO	2 19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8		9142	04	HAWAII	5 19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6		9350	01	N KOHALA	1 20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

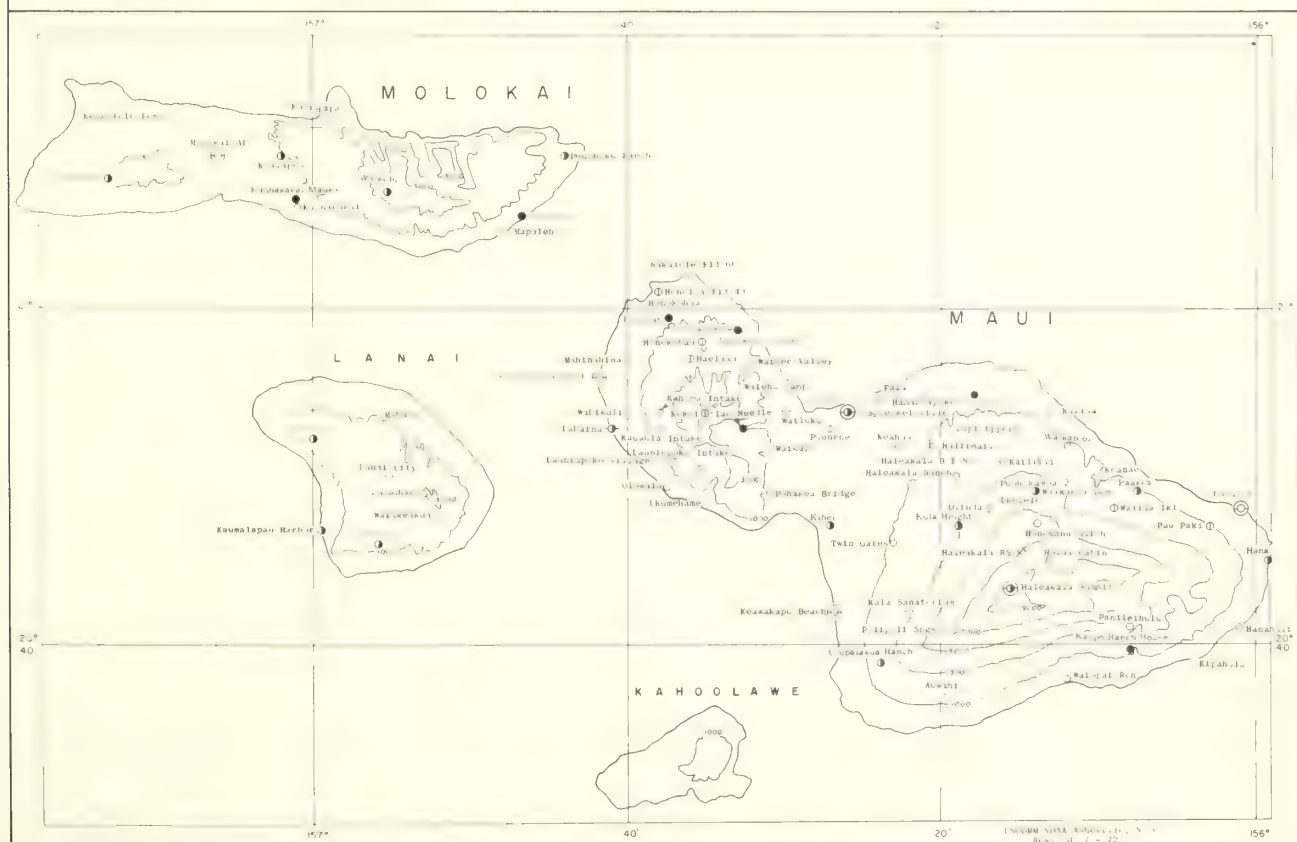
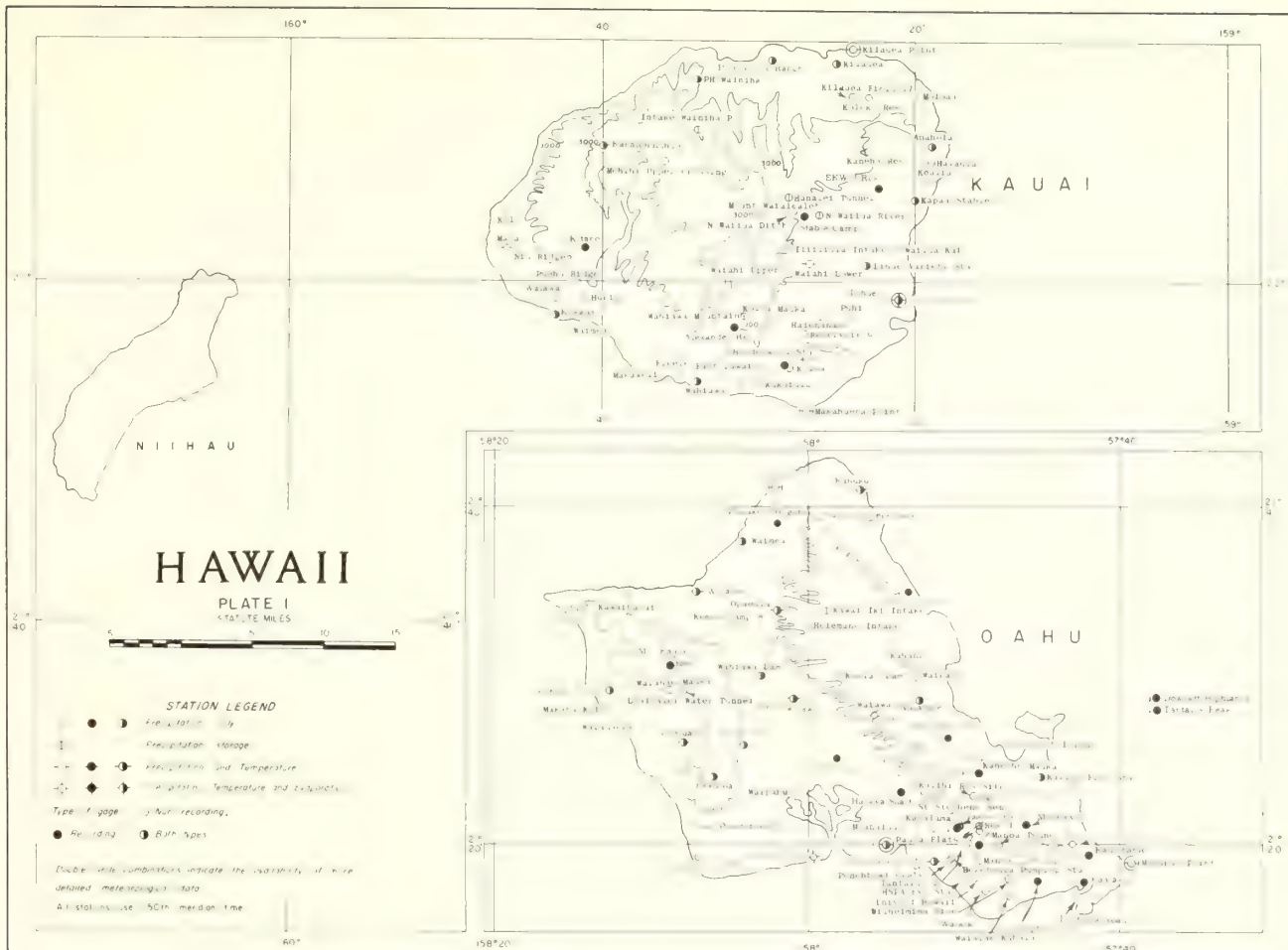
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

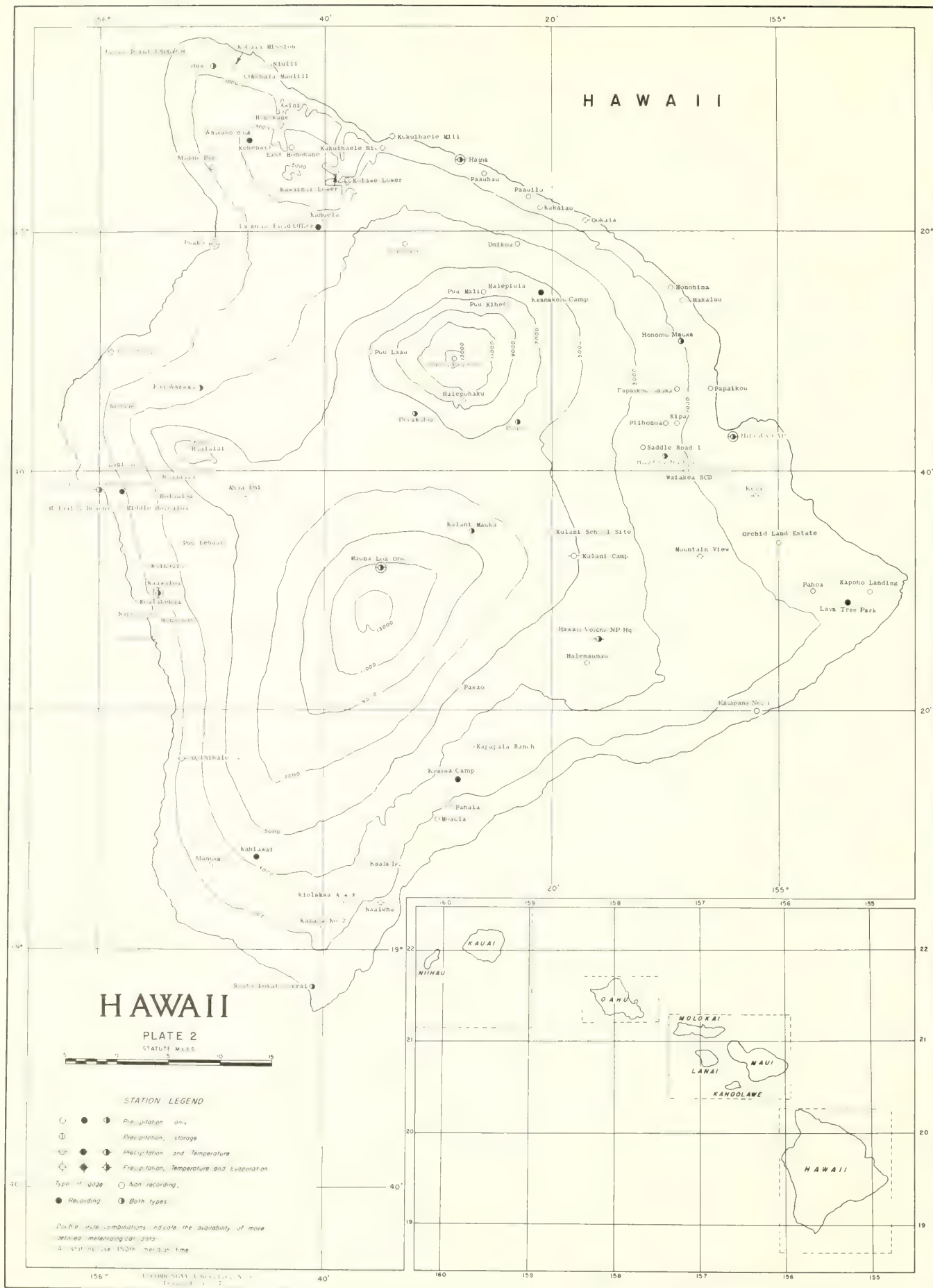
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

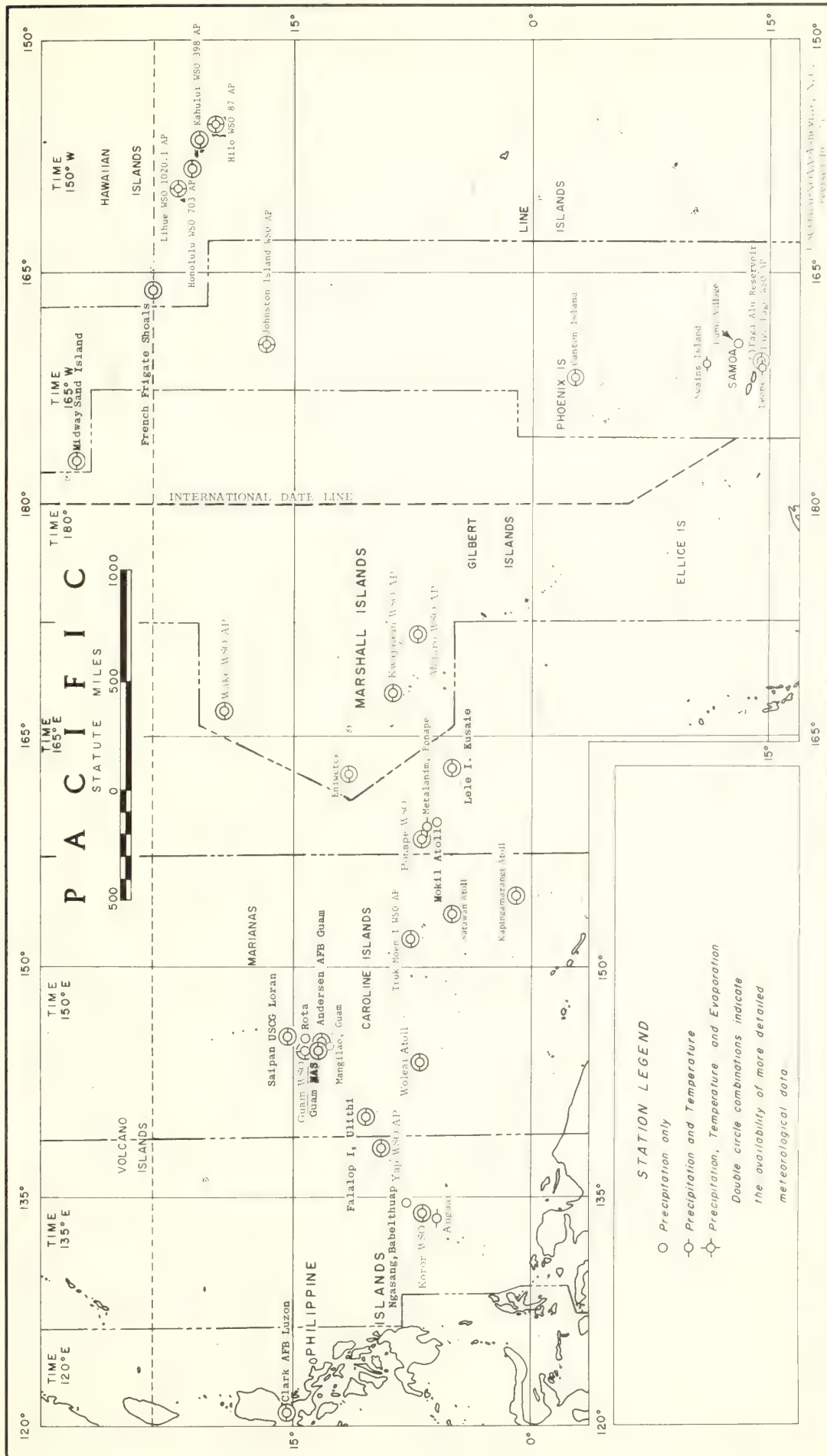
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

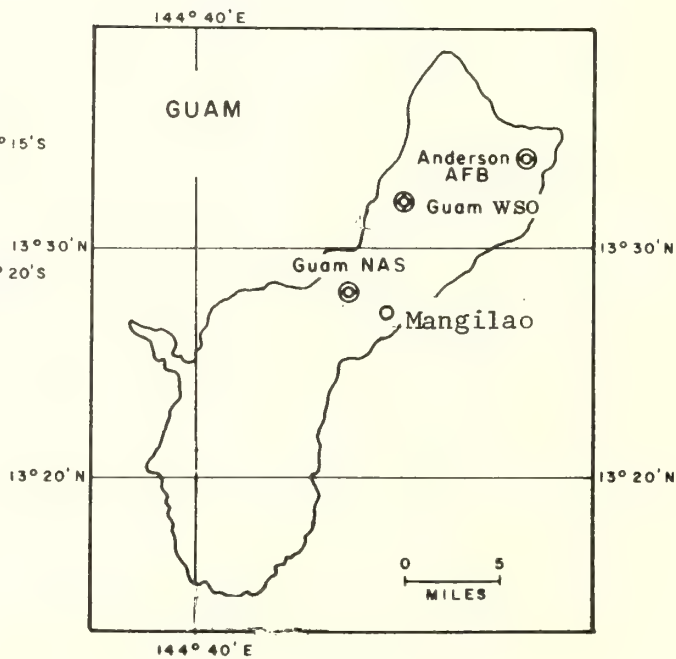
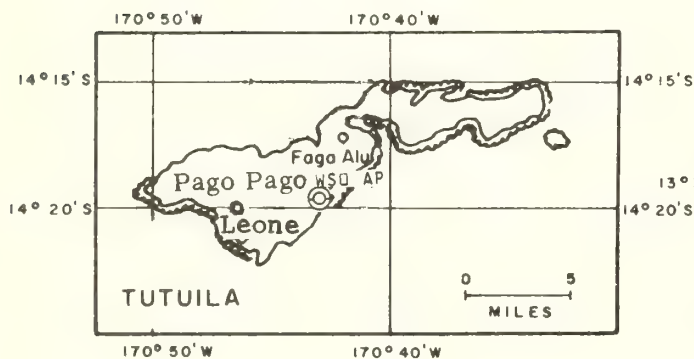
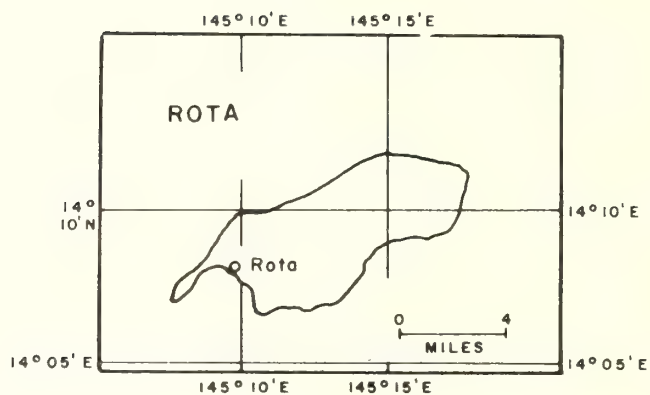
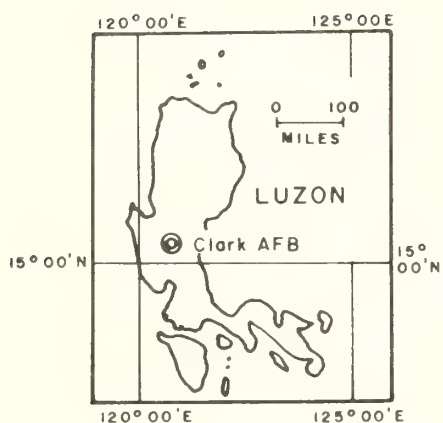
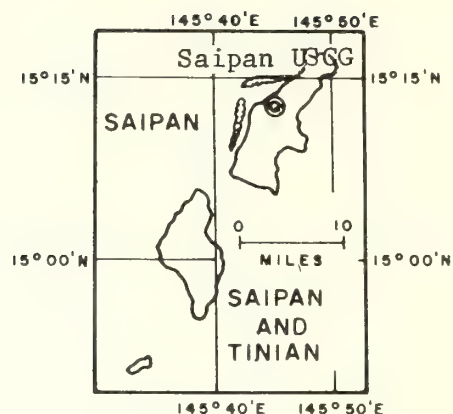
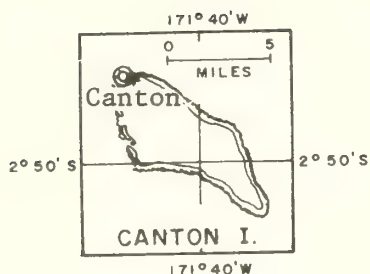
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 11/4/75-970

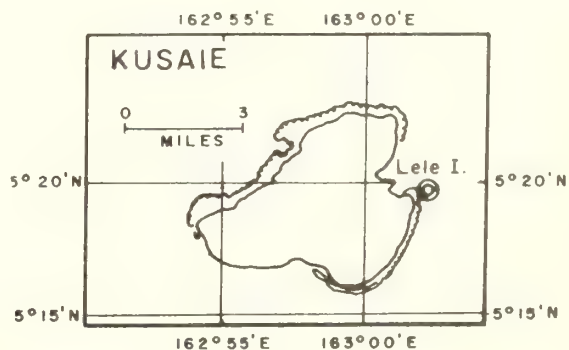
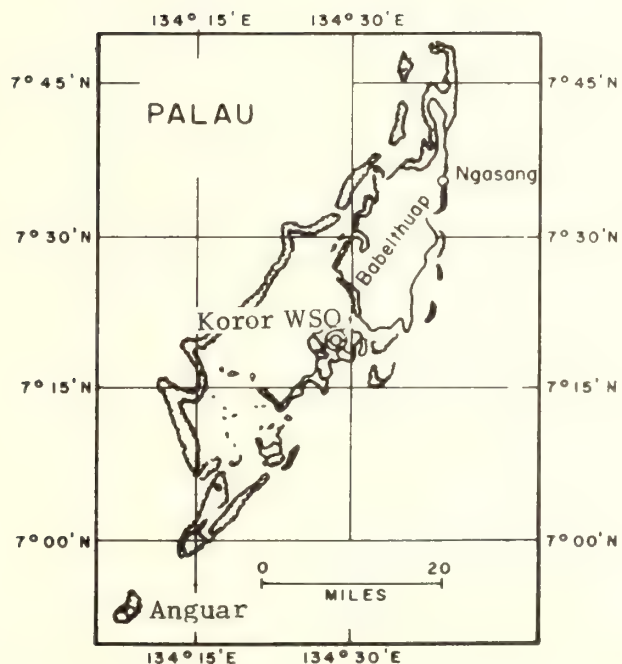
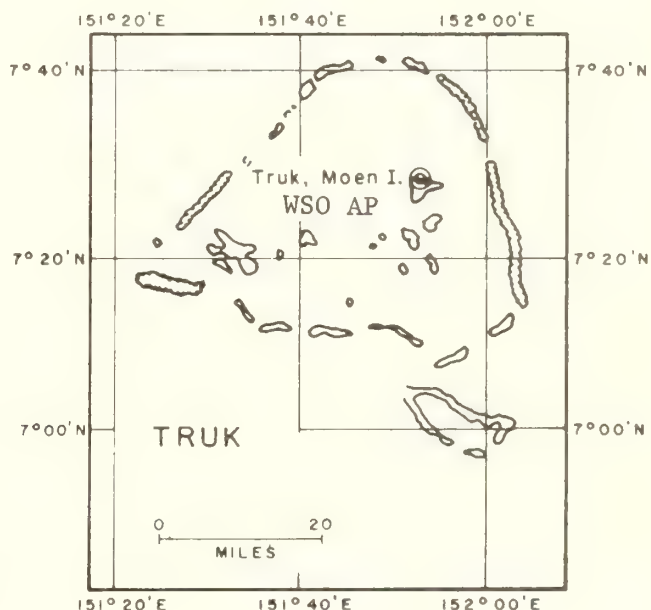
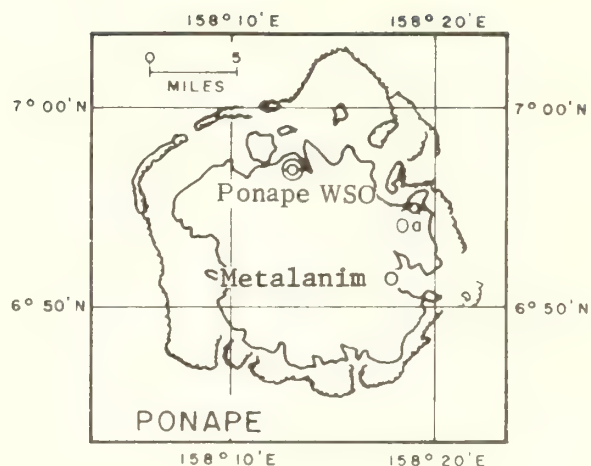
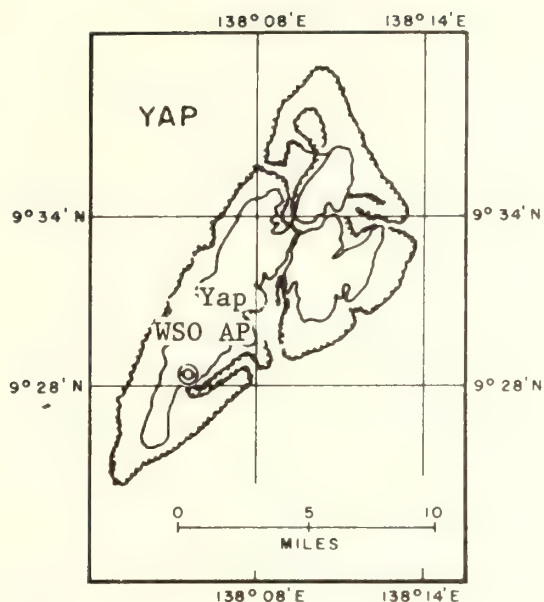




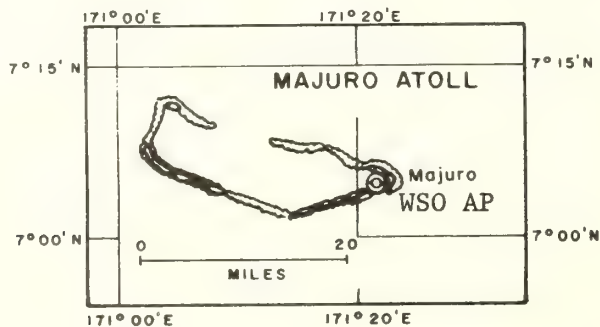
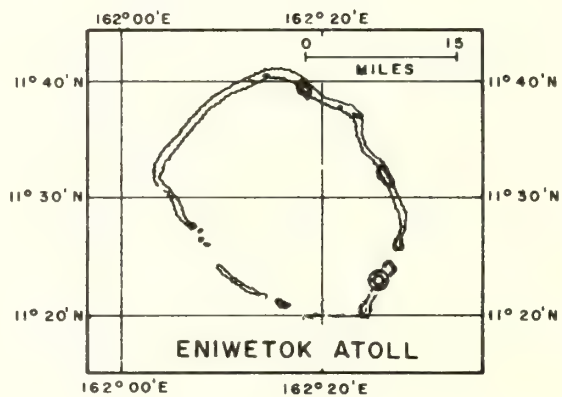
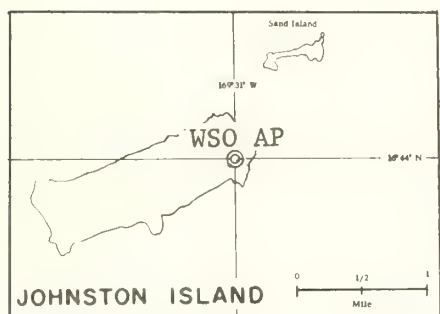
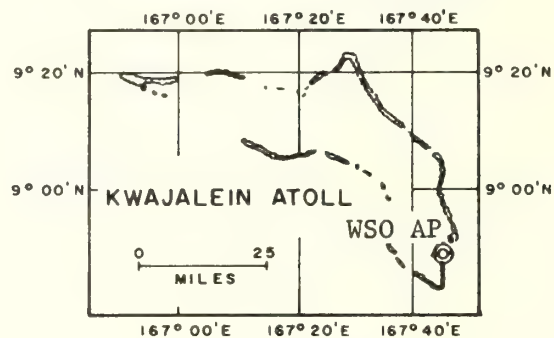
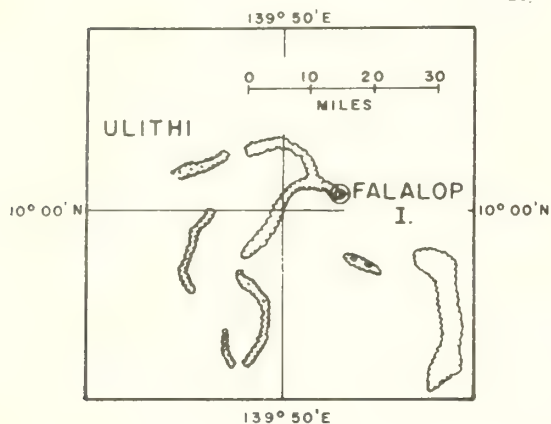
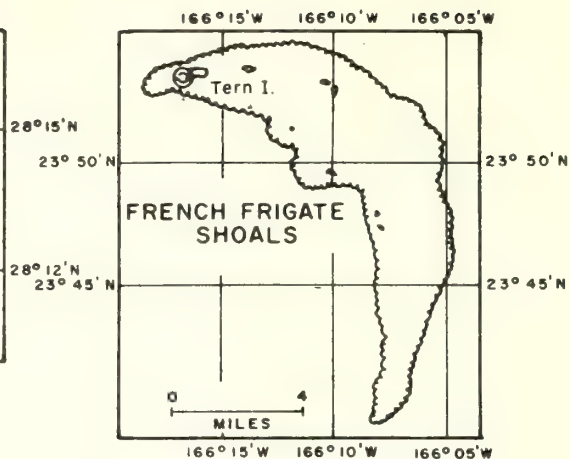
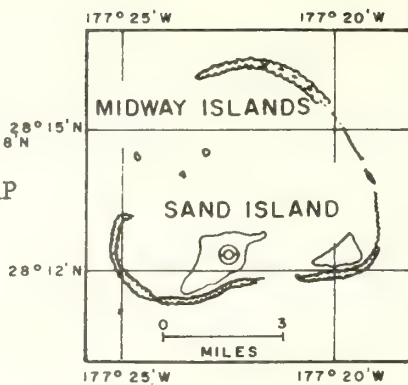
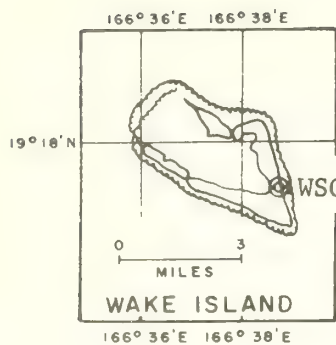




Reef



— Reef



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Climatological Data



HAWAII AND PACIFIC

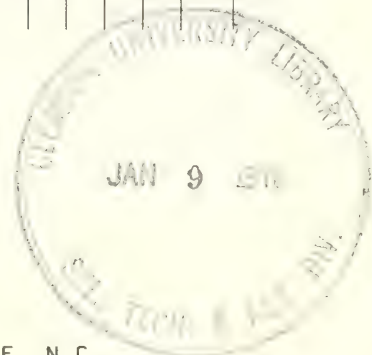
TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	KEAAU 92	HAWAII	93	DATE	04
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	32	DATE	27
GREATEST TOTAL PRECIPITATION:	HONOMU MAUKA 138	HAWAII	7.96		
LEAST TOTAL PRECIPITATION:	9 STATIONS		.00		
GREATEST 1 DAY PRECIPITATION:	NUUANU RES 4 783	OAHU	2.46	DATE	28

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							GREENWICH CIVIL													
							12	18	00	06										
GUAM WSO AP	-	-	-	29	SE	17		78	81	96	1	9	10	6	1	0	27	70	8.6	
HILO, HAWAII, WSO AP	21	0.9	6.3	18	E	23	82	74	62	80	6	10	8	1	0	0	25	56	6.2	
HONOLULU, OAHU, WSO AP	6	11.1	12.5	26	E	09	74	67	52	67	7	4	0	0	0	0	11	72	5.2	
JOHNSTON ISLAND WSO AP	9	14.7	15.1	32	E	16	77	76	68	74	6	7	2	0	0	0	15	87	5.5	
KAHULUI, MAUI, WSO AP	5	12.0	13.4	29	NE	14+	75	68	52	66	4	3	0	0	0	0	7	82	3.5	
KOROR WSO AP	14	2.8	6.2	24	NE	28	89	-	77	76	1	4	7	6	5	1	24	51	9.4	
KWAJALEIN WSO AP	-	-	-	29++	13	27	83	83	78	79	0	7	13	8	2	0	30	-	9.0	
LIHUE, KAUAI, WSO AP	7	10.5	12.2	22	E	16+	77	73	62	73	4	7	1	0	0	0	12	78	4.9	
MAJURO WSO AP	9	7.3	8.0	30	E	29+	81	82	77	81	0	4	11	7	6	0	28	39	8.7	
PAGO PAGO WSO AP	9	13.8	15.1	32	E	04	82	81	71	79	3	10	7	3	1	0	24	75	6.3	
PONAPE WSO AP	-	-	-	17	SE	15	89	-	78	79	1	6	12	6	4	0	29	48	8.7	
TRUK,MOEN I., WSO AP	10	4.6	7.1	21	SE	16	85	-	76	78	3	5	13	3	3	1	28	46	9.7	
WAKE WSO AP	10	10.8	13.5	35	E	21	81	83	71	75	5	12	5	4	1	0	27	42	7.3	
YAP WSO AP	13	2.3	6.1	23	SE	25	89		79	75	1	3	10	11	0	0	25	65	8.5	



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	TEMPERATURE											PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
										31°-34° ABOVE	35°-39° ABOVE	40°-44° ABOVE	45°-49° ABOVE										
HAWAII																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A													.18									
KANALOHULU 1075		74.1	51.0	62.6		79	6	43	6+	0	0	0	0	.46			.10	11	.0	0	1	0	0
KAPAA STABLES 1104	A													1.11					.0	0	0	0	0
KILAUEA POINT 1133		81.5	72.2	76.9		86	14	69	1	0	0	0	0	.28			.07	11	.0	0	0	0	0
KOLOA 936	A													1.59					.0	0	0	0	0
LIHUE WSO 1020.1 AP	//R	82.5	73.1	77.8	- 1.0	84	9	69	21+	0	0	0	0	.45	- 1.40		.20	10	.0	0	1	0	0
MANA 1026		86.9	66.7	76.8	- 1.1	89	6+	62	30	0	0	0	0	.31	- .71		.22	14	.0	0	1	0	0
N WAILUA DITCH 1051	A													3.82					.0	0	0	0	0
PH WAINIHA 1115														1.74	- 3.43				.0	0	0	0	0
PUEHU RIDGE 1040														.66	- 1.15		.27	29	.0	0	3	0	0
WAIHAWA 930	A													.84	- .92				.0	0	0	0	0
WAIHAI LOWER 1054		83.5	63.7	73.6		87	13	60	14+	0	0	0	0	1.53	- 5.86		.25	10	.0	0	6	0	0
WAIKAI 947														.05	- .61		.05	22	.0	0	0	0	0
ISLAND				73.5										1.00					.0				
ISLAND OF OAHU																							
B Y U LAIE 903.1		85.3	71.8	78.6		86	30+	64	1	0	0	0	0	.57			.22	11	.0	0	2	0	0
HONOLULU OBSERV 702.2														.08			.05	9	.0	0	0	0	0
HONOLULU WSO 703 AP	R	87.2	71.5	79.4	- 1.0	90	2	66	29+	1	0	0	0	.11	- .56		.05	9	.0	0	0	0	0
KANEONE MAUKA 781		83.1	71.5	77.3	.5	87	14+	69	11	0	0	0	0	1.33	- 2.18		.28	20	.0	0	6	0	0
KOOLAU DAM 833	A													3.30			.86	11	.0	0	9	2	0
LUALUAEI 804	A	85.0M	68.0M	76.5M		89	13	61	1	0	0	0	0	.14			.08	16	.0	0	0	0	0
MANOA LYON ARBORETUM		81.3	67.4	74.4		86	14	64	14+	0	0	0	0	3.92			.76	20	.0	0	0	2	0
NUUANU RES 4 783														4.10			2.46	28	.0	0	9	1	0
OPAEULA 870	A	81.9	65.6	73.8	.5	89	16+	61	28+	0	0	0	0	.75					.0	0	0	0	0
PALOLO VALLEY 718	R													2.72	- 4.75		.72	2	.0	0	8	1	0
PRI WAIHAWA 820.2	A	84.9	63.5	74.2		89	13	60	24+	0	0	0	0	.38					.0	0	0	0	0
WAIHAWA DAM 863														.85					.0	0	0	0	0
WAIKOLE 837	A													3.76					.0	0	0	0	0
WAIKOLE 896.3		82.8M	70.8M	76.8M		85	14	67	22+	0	0	0	0	.95			.27	9	.0	0	3	0	0
WAILUA 847	A	86.3	64.2	75.3	- 1.0	90	28+	61	28+	2	0	0	0	.03	- .64		.02	16	.0	0	0	0	0
WAIKIKI 717.2		86.9M	69.9M	78.4M		89	11+	65	21	0	0	0	0	.24			.18	29	.0	0	1	0	0
WAIMANALO EXP FARM		84.5	71.7	78.1		89	12	64	11	0	0	0	0	.36			.17	20	.0	0	1	0	0
WAIKAKU 750	A													.28					.0	0	0	0	0
ISLAND				76.6										1.33					.0				
ISLAND OF MOLOKAI																							
KUALAPUU 534	A													.31					.0	0	0	0	0
MAUNALO A 511	A													.72					.0	0	0	0	0
MOLOKAI AP 524		86.5	68.7	77.6		89	15+	64	29+	0	0	0	0	.44			.20	29	.0	0	2	0	0
ISLAND				77.6										.49					.0				
ISLAND OF LANAI																							
LANAI CITY 672	A	76.4M	65.5M	71.0M	- .8					0	0	0	0	.97	- 1.25		.61	13	.0	0	1	0	0
ISLAND				71.0										.97					.0				
ISLAND OF MAUI																							
HALEAKALA B E S 434	A													1.19			.56	16	.0	0	4	1	0
HALEAKALA RS 338		64.8	44.2	54.5	- .9	73	4	37	12	0	0	0	0	.65	- 1.17		.40	28	.0	0	1	0	0
HANA AIRPORT 355		82.4	69.3	75.9		84	30+	63	8	0	0	0	0	3.12			.63	9	.0	0	1	2	0
HONOKOHUA 493	A													.24					.0	0	0	0	0
KANAPALI AP 453.1		83.8	68.0	75.9		89	11	65	30+	0	0	0	0	.10			.05	16	.0	0	0	0	0
KAHULUI WSO 398 AP	R	85.4	67.0	76.2	- 2.2	88	10+	60	27+	0	0	0	0	.11	- .16		.09	15	.0	0	0	0	0
KAILUA 446		78.9M	66.2M	72.6M	- .7					0	0	0	0	2.62	- 4.36		.43	9	.0	0	0	0	0
KEANOE 346	A													26.70					.0	0	0	0	0
KIPAHULU 258														2.86	- 3.17		.92	2	.0	0	9	1	0
KULA SANATORIUM 267		73.5	57.3	65.4	- .7	80	3	55	17+	0	0	0	0	1.99	- .06		1.43	1	.0	0	2	1	1
LAHAINA 361		87.5	68.1	77.8	.1	91	19	66	30+	2	0	0	0	.00	- .25		.00		.0	0	0	0	0
PAIA 406														.50	- .35		.25	16	.0	0	1	0	0
WAILUKU 386	A	82.1M	70.4M	76.3M	- 1.5					0	0	0	0	.20	- .29		.09	9	.0	0	0	0	0
ISLAND				71.8										3.10					.0				
ISLAND OF HAWAII																							
HAWAII VOLCNS NP HQ 54	R	70.0M	52.6M	61.3M	- 1.7	73	30+	46	8	0	0	0	0	3.37	- 1.21		.61	16	.0	0	9	1	0
HILO WSO 87 AP	R	83.3	67.7	75.5	- .1	86	3	64	30	0	0	0	0	2.73	- 4.71		.59	16	.0	0	0	0	0
HUEHUE 92.1														1.10					.0	0	0	0	0
KAHALU 73.2		78.3	63.1	70.7		81	29+	59	22	0	0	0	0	4.78	- 2.47		.81	18	.0	0	3	0	0
KEARU 92		81.4	65.6	73.5		93	4	62	30	1	0	0	0	3.78			.68	16	.0	0	12	2	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		TEMPERATURE										PRECIPITATION															
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS					
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE			
											1-24	25-30	31-36	37-42													
HAWAII																											
KONA (KAILUA) 68.3	A	84.1M	70.5M	77.3M							0	0	0	0	.95												
KUKUIHAELE HIC 199		63.4M	47.0M	55.2M		69	5	40	30		0	0	0	0	1.56	- 1.17	.55	19	.0	0	0	2	1	0			
KULANI CAMP 79		81.4M	63.3M	72.4M	- 1.2						0	0	0	0	3.54		.53	17	.0	0	0	9	1	0			
PAHALA 21	A										0	0	0	0	6.47		.78	28	.0	0	0						
POHAKULOA 107	A																		.0	0	0						
PUAKO 95.1	A	85.3	69.7	77.5		89	6	65	12		0	0	0	0	.49		.30	12	.0	0	0	2	0	0			
PUU WAHAA 94.1	A														3.37				.0	0	0						
UMIKOA 118															5.90		1.08	17	.0	0	0						
WAIKAE SCD 88.2															2.93				.0	0	0						
ISLAND				70.4																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	TEMPERATURE										PRECIPITATION												
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
										MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
										31° OR ABOVE	32° OR ABOVE	33° OR ABOVE	34° OR ABOVE										
PACIFIC																							
■ ■ ■ EAST OF 180TH MERIDIAN																							
CANTON ISLAND	86.5	74.3	80.4		89	10*	70	16		0	0	0	0	.18		.06	21	.0	0	0	0		
FAGA ALU RESERVOIR																							
JOHNSTON WSO AP	83.8	76.6	80.2	-.7	85	22*	71	21		0	0	0	0	.64	- 1.41	.34	21	.0	0	2	0		
LEONE														8.35		2.05	11	.0	0	17	3		
FRENCH FRIGATE SHOALS	86.2	74.8	80.5	1.0	89	4*	72	9		0	0	0	0	.05	- 1.92	.02	25	.0	0	0	0		
LUMA VILLAGE														6.24		1.75	25	.0	0		4		
MIDWAY SAND ISLAND																							
PAGO PAGO WSO AP	84.5	74.7	79.6	.6	87	16	68	17		0	0	0	0	5.57	-.51	1.85	18	.0	0		4		
SWAINS ISLAND																							
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																							
ANDERSEN AFB GUAM	85.3	76.1	80.7	.9	89	25*	73	6		0	0	0	0	10.03	- 3.53	2.28	24	.0	0	14	6		
CLARK AFB LUZON	87.9	74.7	81.3	1.5	93	11	70	15		13	0	0	0	6.73	- 7.11	2.06	9	.0	0	13	4		
GUAM NAS																							
GUAM WSMO	86.0	71.6	78.8	-.3	89	9	67	26*		0	0	0	0	8.86	- 5.22	1.50	17	.0	0	17	7		
MANGILAO														8.37		1.74	24	.0	0	5	4		
ROTA																							
SAIPAN USCG LORAN	88.2	75.3	81.8		90	14*	73	29*		4	0	0	0	16.00		3.06	17	.0	0	20	7		
WAKE WSO AP	87.3	75.7	81.5	- 1.1	90	20*	69	4		4	0	0	0	5.73	.04	1.44	3	.0	0	10	5		
■ ■ ■ CAROLINE AND MARSHALL ISLANDS																							
ANGUAR														15.33	4.56	3.58	28	.0	0	16	9		
ENIWETOK	87.2	77.5	82.4	-.7	90	13*	72	9		2	0	0	0	4.43	- 3.40	1.57	15	.0	0	9	2		
FALALOP I., ULITHI	86.2	80.5	83.4		88	25*	75	17		0	0	0	0	17.56		2.81	29	.0	0	18	10		
KAPINGMARANGI ATOLL	89.0	76.4	82.7		92	30	74	18*		9	0	0	0	.96		.38	4	.0	0	2	0		
KOROR WSO	88.1	75.0	81.6	.0	91	23*	72	28*		6	0	0	0	17.24	4.25	2.57	13	.0	0	19	12		
KWAJALEIN WSO AP																							
LELE I., KUSAIE	85.4	76.3	80.9	- 1.6	87	25*	73	23*		0	0	0	0	11.60	.73	1.18	5	.0	0	23	10		
MAJURO WSO AP																							
METALANIM	84.7	75.3	80.0	- 1.4	87	25	74	30*		0	0	0	0	16.51	2.12	1.87	12	.0	0	24	13		
MOKIL ATOLL	87.4	80.5	84.0		89	3	77	11		0	0	0	0	18.21		2.42	6	.0	0	15	13		
NGASANG, BABELTHUAP																							
PONAPE WSO																							
SATAWAN ATOLL	87.6	73.3	80.5	-.1	90	23*	69	6		8	0	0	0	12.61	- 4.15	1.91	22	.0	0	22	10		
TRUK, MOEN I., WSO AP																							
WOLEAI ATOLL	86.9	75.2	81.1	.1	89	14*	72	7		0	0	0	0	12.02	- 1.05	2.18	26	.0	0	20	7		
	88.9	75.0	82.0		91	22*	70	3		12	0	0	0	10.96		2.29	23	.0	0	13	6		
YAP WSO AP																							
	86.3	73.1	79.7	- 1.6	89	20*	70	27*		0	0	0	0	11.25	- 1.84	.98	13	.0	0	21	11		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	.18	x	.04				x	.02	.02							.02		.17	.05		x	x	.07			.02	.06	x			.03	
BRIDGESWOOD STA 085	A	1.20	x	.54				x	.02	.02	.04						.06	.04	.17	.05		x	x	.12	.01	.05	.02	.06	x				
ELELE LAKE 934	A	1.64	x	.63	.01				.05	.01	.09	.03	.19		.04	.03	.12	T	.01	x	x	x	.24	.05	.03	.07	.04						
ELELE 927	A	.40	x	.13					.03		T						.08	T	.02			x	x	.14	.02		.01						
HAUOLA 1110	A	.63	x	.11			x	x	.04	T	.09											x	x	.14	.02							.14	
HALEMANAHO 1006	A	2.32	x	.46							.13	.05		x	x	.22		.09	.05		x	x	.47		.02	.07	.01	x			.73		
HUKIPU 946	A	.02																					.02										
ILILIULA INTAKE 1050	A	4.07	x	.80	.02			x	.06	.02	.42	.04	.03	x	x	.57	.05	.16		.06	x	x	.46	.05	.14	.08	.03	x			1.08		
ILILIULA WAINIMA PC 1086	A	3.98	x	1.99	x		.04	x	.10	x	.05	.04	.10	.03			.15	x	x	.27	x	x	.10	x	x	x	.06	x			.20	x	
KAHALOAHUULU 1075	A	.46	.02						.05		.04	.10	.03			.08	.03		.03			.02					.03	.01			.02		
KANEHA RESERVOIR 1092	A	.90	x	.27				x	.11		.10	.11					.05			x	x	.03	.02		.07	x				.23			
KAPPA STABLES 1104	A	1.11	x	.08					.10		.10						.07	.05		x	x	.62		.05	x	x				.14			
KEAUA 1112	A	.83	x	.03				x	.03		.11						.01				x	x	.55			x					.10		
KEKAHA 944	A	.15							.06		.28	.04		.04	.03		.06	.03				.04				.05					.02		
KILAUEA 1134	A	.52							.06		.28	.04		.04	.03		.06	.03				.02			.05								
KILAUEA POINT 1133	A	.28							.07		.03	.04							.02		.01	.02	.04	.02				.01		.02			
KOLO 1033	A	.14							.07		.03			.01	.01		.12	.04		x	x	.45			T	.17	x			.03	.22		
KOLOA 936	A	1.59	x	.68				x	.07		.03						.72	x	x	x	x	x	.46	x	x	x	x	x					
KOLOA MAUKA 994	A	2.32	x	.90	x	x	x	x	.07	.02	x	x	x	x	x	x	.72	x	x	x	x	x	x	.46	x	x	x	x				.22	
KOLOKO RES 1137	A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
KUKUIULA 935	A	1.41	x	.31	T			x	.04	.02	.04	.39		x	x	.05	.02	.01		.06	x	x	.26	.01	.05	.02	.13				T		
LIHUE VARIETY STA	A	.61	x	.07				x	.02		.08	.02					.01			.16	x	x	.17	.03		.03	x				.02		
LIHUE 1020	A	.86	x	.25					.02		.28	.07		x	x	.02	.02	.04		.05	x	x	.06		.03	.02	x				.02		
LIHUE HSD 1020.1 AP	A	.18							.01	T	.20	.03					.09		.01		.05	.03	.02	.02	.01					.02			
MAKAUENA POINT 940.1	A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MAKAUENA 985	A	.05									.02	.03										.01	.03	.01									
MAKAUENA 1026	A	.31									.02	.03										.04											
MOHINI UPR CROSS 1083	A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MOLAA 1146	A	.42	.07	.05					.04		.02						.02					.13			.05	x	x			.04			
MOUNT WAIKALELE 1047	A	5.18						.08	.24	.28	.63			.35	.24	.24	.75	.08	.04	.20	.04	.16	.04	.24	.24	.24	.12	.12	.75	.08			
MTU RIDGE 1035	A	.19									.08					.04	.05	.13	.06	.01	x	x	.40	.05	.16	.02	.11	x			.88	.07	
N. WAILUA DITCH 1051	A	3.82	x	.75	.02	.02	x	x	.08	.06	.30	.08	.08	x	x	.54	.05	.13	.06	.01	x	x	.40	.05	.16	.02	.11	x			.88	.07	
PA. WAINIMA 1115	V	1.74	x	1.26				x	.04	.06	.18	.01					.05	.13	.10				.01	.01	.01	.02	T						
PRINCEVILLE RANCH 1117	V	1.33	x	.34			x	x	.06	.17	.20	.05				.23				x	x	.01					x			.09			
PUEHU RIDGE 1040	V	.66																				.11								.27			
PUIHI 1013	A	.86	x	.16							.01	.01	.01	.01		.14	.04	.01		.04	x	x	.14	.04		.04	x			.04			
WAILAHUA 930	A	.84	x	.39					.08		.25	.05	.03	.04	.19	.02	.04	.05		.13	.17	.07	.09	.13		.01	.06	x		.01			
WAILAHUA LOWER 1054	A	1.53			.02				.07		.08	.09	.07			.06	.21	.06		.11	.25	.13	.15	.02	.12	.13	.02	.29	.33	.07	.02		
WAILAHUA UPPER 1052	A	3.54							.07		.08	.09	.07			.06	.21	.06		.11	.25	.13	.15	.02	.12	.13	.02	.29	.33	.07	.02		
WAILAHUA 943	A	.36									.10			.02	.22							.02											
WAILUA KAI 1065	A	1.22	x	.03			x	x	.02		.06	.02		x	x	.10		.03		.07	x	x	.68	.05		.04	x			.12			
WAIPIA 947	A	.05																				.05											
WEST LAKE 931	A	1.16	x	.48						.03	.03						.01	.02		x	x		.48	.01		.07	.01	x			.02		
ISLAND OF MAUI																																	
BERETANIA PUMPING STA	A	.38							.05	.13	.02						.03					.07									.08		
B. Y. U. LAKE 903.1	A	.57			.03			T	.02	.01	.22						.05					T								.05	.19		
CAMPBELL IND PK 702.5	A	.03									.03	x	x	x	x	x	.03	x	x	.04	x	x	.02	x	x	x	x	x		.12	x		
CAMP 84 807	A	.24	x	.03	x	x	x	x	.03	x	.01	.01	.18			.02	.03	.02		x	x	x	.02	x	.02		.02	x		.01			
COCONUT ISLAND 840.1	A	.50			.01				.10	.07	.01	.01	.18			.02	.03	.02		x	x	x	.02	x	.02		.02	x		.01			
ELA PLANTATION 741	A	.12									.04						.04	.01			x	x	.02							.01			
HELEMANA INTAKE 881	A	.90	x	.28	x	x	x	x	.18	x	x	.08	x	x	x	x	.20	x	x	x	x	.02	x	x	.11	x	x			.03	x		
HOKULUA 725.2	A	.31	x	x	x	x	x	x	.05	x	x	x	x	x	x	.26	x	x	x	x	x	.02	x	x	x	x	x			.03	x		
HONOLULU OBSERV 702.2	A	.08							.01	.01	.05											.02											
HONOLULU HSD 703 AP	A	.11						T	.01	.05				T		.04			.01	T				T	T								
HONOLULU SUBSTA 704	R	.20	.04						.04	.12	.02						.05			.01	.03			.05		.01	T			.01	.02		
H. S. P. A. EXP STA 707	A	—	—	—	—	—	—	—	.04	.12	.02						.05			.01	.03			.05		.01	T			.01	.02		
KAHANA 883	A	4.67	x	.67	x	x	x	x	.42	x	x	x	x	x	x	.62	.05	.03	x	x	x	.01	.01	1.04	x	x	x	x	x	1.92	x		
KAILUA FIRE STA 791.3	A	.32	.01	.01					.01	.10							.05	.03	x	x	x	.01	.01										
KALIMES RES SITE 777	A	2.82		.06					.58	.26	.10	.02					.30			.32	.04		.06		.08				.04	.02	.04		
KANEHA MAUKA 7																																	

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KUALAPIU 534	A	.31	x	.10				x	.05				x	x	x	.02	.10					.02	x	x										
MAUNALO A 511	A	.72							.07					x	x	x	.03					.05	x	x							.46			
MOLOKAI AP 524	A	.44	T						.06								.02					.10	T								.20			
PUEHODU RANCH 542.1	A	1.84			.35							.36						.80								.19						.14		
ISLAND OF LANAI																																		
KANEHOU 600	A	.19										.01	.02		x	x	x	x	x	x	x	x	x		.19									
KAUNALAPU HARBOR 658	V	.07																											x	x	.04			
LANAI AIRPORT 656	A																																	
LANAI CITY 672	A	.97	x	.10					.02				.03	.09	.61		.01		.01	.03		.01			.01	.02		.01			.02			
LANAIWALE 684	A	.22	x		x	x	x					x	x	x	x	x								.19	x		x	x	x	x		.03		
MAHANA 694																																		
MAHANA 694	A	.10															x	x	x	x	x	x	x	x		.10						.02		
MAHUA 676	A	.02																																
MAIAKAKUA 695	A	.26	x	x	x	x	x	x	x	x	x	x	x	x	.05	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		.21		
ISLAND OF MAUI																																		
ADWAI 252	A	.33		.30						.03								.56	.19			.10		.02	.01	.01		.12		.01	.03	.01		
HALEAKALA B E S 434	A	1.19	.01						.02	.04	.03							.12		x		x	x	x	x	x	x	x	x	x	x			
HALEAKALA RANCH 432	A	.67	.55	x	x	x	x						x	x	x	x																		
HALEAKALA RS 338	A	.65	.01	T	.03						.02	.05	T	.05	T	T	T	T	T			.01	T	.03				.05		.40		T		
HALEAKALA SUMMIT 338.4	A																																	
HALEIPU 423	A	.58	x	.21						.03																			.05					
HAKAPUPOKO 485	A	1.51	.01	.01		.01			.04	.13	.19					T		.49	.13			.01	.09	T			.07	.02	.06	.25	T			
HAKA 354	A																																	
HAKA AIRPORT 355	A	3.12		.54	T		.03	T	T	.17	.03	.63		.46	.15	.02	.03		.05	T		.26		.03	.02	.10		.06	.30	T		.24		
HAKAHULU 281	A	2.63	T		.45				T	.14	.15	.25		.15	.52	.32	.01		.13		.05	.20	T		.10			.01		.06		.05		
HOLUA CABIN 259.5	A	.10	x	x	x	x	x	x	x	x	x	x	x	x	.10																			
HONOKOHU 480	A	3.10	x	x	x	x	x	x	x																							3.10		
HONOKOHU 403	A		x	.10					.02									.03	.03			.02												
HONOPAHU GULCH 341	A	5.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x																5.10		
KAAHAPALI AP 453.1	A	.10															.02	.05				.02						.01						
KAHONA INTAKE 374	A	4.95	x	x	x	x	x	x	x	x	x	x	x	x	x	x																4.95		
KAHULU USD 398 AP	R	.11							.01	T							.09	.01																
KAILI 436	A	12.14	8.00	x	x	x	x	x																									4.14	
KAILUA 446	V	2.62	.17	.21	.08					.34	.43	.17					.03	.31	.15	.01	.06	x		.15	.18	.15	.09	.08	x		.01		.04	
KAILUA INTAKE 375	A	1.04		.55						.11							.04																	
KEAHUA 410	A	.04																.01					.01						.02					
KEANAE 346	A	26.70	23.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.50		
KEAWAKAPU BEACH 260.2	A	.00																																
KIHEI 311	A	.00																																
KIPAHULU 258	A	2.86		92	.06					20	.34	.17	11	.26			.28	.29							.23									
KULA HEIGHTS 323.2	A	.02																														.02		
KULA SANATORIUM 267	A	1.99	1.43	T	.01	T							.04		.06	.01																.40	.02	.02
LAHAINA 361	A	.00																										</						

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KONALA PAULILI 176	A	3.82	x	2.80	.01			x	.15								.35	.35	.02		x	x		.09	.02	.03								
KONALA MISSION 175.1	A	1.31	.02	T	.01	T		x	.05	.10	.08						.27	.25	.02		.03	.09	.02	T		.01		.03	T		.33	T	x	
KOIAHE LOWER 196	A	3.90	x	x	x	x	2.00	x	x	x	x	x	.40	x	x	x	x	x	x		.92	x	x	x	x	x	x	x	.58	x	x	x	.05	
KONA (KAILUA) 68.3	A	.95											.07				.25				.55													
KONA VILLAGE 93.8	A	.36		.36																														
KUKAIUA 222	A	1.35	T					.02	.03	.07	.08	T	T				.24	.67	.01		T	.07						.06	.10					
KUKUIHALE VIC 199	A	1.56	.40					.03	.09	.02	.13	.03					.04	.53	.03		.04	.08	.14											
KUKUIHALE HILL 206	A	.77	.30	.02			x	x	.09								.24	.08															.03	
KULANI CAMP 79	A	3.54	.18	.05	.01			x	.09	.26	.23	.21	x	.07	.05	.02	.40	.41	.08			.02	.05					.14	.01	x	x	.78	.47	.05
KULANI MAUKA 76	A	.43						x	x		x	x	x	x	.14																			
KULANI SCHOOL SITE 78	A	2.86	x	x	x	x	.60	x	x	x	x	x	x	x	x	.96	x	x	x	x	.80	x	x	x	x	x	x	x	.50	x	x	T		
LAMIAHU 68.2	A	4.66	.75		.03		.26	.06			.11		1.40		.12		.03	.13	.38		.08	.05			18		.11	.11	.39	.19		.28		
MAKAHALA 103	A	.65		.46																														
MAUNA 2	A	2.60	x	.50	T		x	x	.40			T				T			.30		x	x		.90	T				x	.50				
MAUNA KEA OBS 111.2	A	.20																										.08	.12	T				
MAUNA LOA SLOPE OBS	A	.11		.07																												.04		
MIDDLE MAUNA LOA 68.1	A	2.20	x	.40	x	x	x	x	x	.35	x	x	x	x	x	.10	x	x	x	x	x	x	1.20	x	x	x	x	x	x	x	.15	x		
MIDDLE PEN 147.1	A	1.50	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.50	x		
MAUNA 18	A	.07	x	x	x	x	x	x	x	x	.05	x	x	x	x		x	x	x	.02	x	x	x	x	x	x	x	x	x	x	x	x		
MOUNTAIN VIEW 91	A	6.76		.59	.10		.02		.47	.50	.48	.05	.02	20		.06	.92	1.24	.05		.01	.17	.26	.04	.07	.14	.48	.12	.08	.60	.09			
MAALEHU 14	A	1.73	1.06	T				T	T		T			x	x	.09		x	x	x		x	x	.28			x	x	x	x	.30	T		
MAPOPO 28	A	3.72	x	.68	x	x	x	x	.51	x	x	x	x	x	x	.89	.13	.30	.02		x	x	x	1.30	x	x	x	x	x	x	.34	x		
NIULII 179	A	2.91	x	2.00			x	.11	x								.42	.96	.03	T	.03	.40	T	.12	.04	.12	.14	T	T			.22		
OKALA 223	A	2.67	T	T			.15	.01	T		.02	.03	.08	T	T	.09	.03	.93	T		.03	1.22	.11	.01	.01	T	T	.03	.02	T		.12		
OPHIHALE 2 24.1	A	3.12	.08	T	T		.15	.01	T		.02	.03	.08	T	T	.09	.03	.93	T		.03	1.22	.11	.01	.01	T	T	.03	.02	T		.12		
ORCHID LAND EST 91.5	A	5.47	x	x	x	x	2.65	x	x	x	x	x	.95	x	x	x	x	x	x	1.13	x	x	x	x	x	x	x	x	x	x	.74	x		
PARAHUA 217	A	1.00						.03	.11		.09						.08	.26			.39						.01	.03						
PARULU 221	A	.69	T					T	.05	.02	.02		.04			T	.09	.41	.01		T	.03	T				T	.02						
PAHALA 21	A	6.47	5.15								.17			.24	x	.27																.02	.07	
PAHALA 65	A	5.59		.27	.05		.04		.26	.29	.30	.16	.15	.55	.11	.30	.66	.32	.10			.06	.08	.01	.15	.13	.17	.08	.15	1.04	.16			
PAKAO 37	A	4.57	4.57	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
PAPAIKOU 144.1	V	4.85	.44	.44	.01		x	x	.37	.34	.12			x	x	.12	.81	.55	.03		x	x	42	.11	.03	.46	.13	x	x	.47				
PAPAIKOU MAUKA 140.1	V	8.43	.89	.89	.12	.01	x	x	.64	.87	.54		.02	x	x	.20	.70	1.32	.01		x	x	86	.19	.07	.30	.05	x	x	.75				
PISHONUA 69	A	10.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.00		
POHAKA 220.6	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
POHAKULA 107	A	.00						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
PUAKO 95.1	A	.49	.16					T			.30						T														.03			
PUU KINE 120	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PUU LAU 102.1	A	.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.60		
PUU LEHUA 73	A	1.35	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.35		
PUU MALI 113	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PUU OO 92	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PUU WAIHANA 94.1	A	3.37	x	.37							.45			x	x	x	x	x	2.96		x	x	x	x	x	x	1.18	T	x	x	x	2.00	.55	
SADDLE ROAD 1 84	A	5.59	x	x	x	x	x	x	x	x	1.45	x	x	x	x	x	x	x	2.96		x	x	x	x	x	x	1.18	T	x	x	x	x	x	
SOUTH POINT CORRAL 3	A	1.77	x	x	x	x	1.76							x	x	x	x	x	x	.01	x	x	x	x	x	x	x	x	x	x	x	x	x	
UNIKOA 118	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UPOLI POINT USCG 159.2	A	.29				T		.01	.01								.24				.02					T					.01			
WAIKOA SCD 88.2	A	5.90	T	.52	.11			.13	.15	.18	.16	.05	.16	.10	.20	.01	.83	1.08			.05	x	x	.53	.07	.03	.28	.07	.21	.98		.40		
WAIKOLA-8015 CAS 95.8	A	.61	T								.21																							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * *																																
EAST OF 180TH MERIDIAN																																
CANTON ISLAND	.18	-	-	-	.02	-	-	.01	-	-	-	.04	-	-	-	-	-	-	.02	.06	-	.02	-	-	-	-	-	-	T	.01	-	-
FRAGA ALU RESERVOIR	R .64	-	-	T	-	-	-	T	.04	.01	-	-	.01	-	.13	T	-	T	T	.34	-	-	.01	-	-	.04	.02	.04	T	-	-	-
JOHNSTON WSO AP	8.35	-	-	.20	.30	.25	.46	.10	-	.30	2.05	.30	.12	.15	.05	.09	-	1.70	.54	.34	.29	.04	.30	.26	.45	.02	.04	T	.40	-	-	-
LEONE	05	.01	-	-	.30	.25	.46	.10	-	.30	2.05	.30	.12	.15	.05	.09	.01	-	-	-	-	-	.02	.01	-	.30	.26	.45	.02	.04	T	.40
FRENCH FRIGATE SHOALS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LUMA VILLAGE	6.24	x	.39	-	.20	.41	T	-	.34	-	.06	.02	.43	.08	.53	-	-	-	-	.35	.25	.05	1.75	.56	.80	.02	T	-	-	-	-	-
MIDWAY SAND ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAGO PAGO WSO AP	R 5.57	.01	T	.05	.11	.39	.02	T	-	-	.50	.64	-	.56	.01	.01	-	.10	1.85	.22	.03	-	.03	T	.44	.01	.14	.01	.08	.36	-	-
SWAINS ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * *																																
WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM	10.03	.04	.27	.06	.08	-	-	T	.01	.10	T	.34	T	.09	.61	.24	1.06	.42	.39	1.66	.44	.01	.70	2.28	.26	.11	.07	.08	.45	.69	-	-
CLARK AFB LUZON	6.73	-	.15	T	.01	.34	.17	T	.12	2.06	-	.36	.31	.04	.03	.05	.79	-	.05	-	-	T	.03	.68	.33	.02	.55	.33	.02	.55	-	-
GUAM NAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM WSO	R 8.86	.04	.14	.25	.14	.02	-	-	.23	.04	.05	.10	T	.08	.46	.52	1.50	.65	.48	.55	.38	.40	.44	.80	.01	.04	.01	.08	.58	.88	-	-
MANCILA	8.37	.08	x	.20	.20	-	-	-	-	.11	.10	-	-	.28	.30	1.30	1.30	.01	.10	.15	.01	.10	1.74	1.31	.01	.04	.03	.15	.85	-	-	-
ROTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAIPAN USCG LORAN	16.00	.22	.70	.21	.41	.02	-	.01	-	.18	-	-	.33	.32	.04	.34	3.06	2.08	.27	1.98	.20	.59	.18	1.83	.05	.23	.22	.47	2.06	-	-	-
WAKE WSO AP	R 5.73	.01	T	1.44	.58	.45	T	.01	T	.01	.01	-	.07	T	T	.04	.02	.75	.14	.04	.69	.66	.49	.13	.10	.01	.04	.02	.02	.01	-	-
* * *																																
CAROLINE AND MARSHALL ISLANDS																																
ANGUAR	15.33	21	2.33	-	-	-	-	.11	.13	.05	.71	1.38	.30	3.54	.12	-	-	-	.53	.62	-	.26	.73	.20	3.58	.53	-	-	-	-	-	-
ERIMETOK	4.43	.20	.07	.04	.02	.09	-	.18	-	.11	.09	.07	.09	.09	1.57	.03	.25	.25	.25	.25	.97	.21	.65	.26	.42	.31	2.81	.38	-	-	-	-
FALALUP I. ULITHI	17.56	.05	.32	.95	.38	-	-	.16	1.44	.07	.77	.84	.08	1.56	2.62	1.60	.38	.23	-	-	-	1.63	.03	.65	.26	.42	.31	2.81	.38	-	-	-
KAPINGAPANGI ATOLL	96	-	-	-	.38	-	-	-	-	-	.07	.05	-	.07	.05	-	-	-	.09	-	.34	.49	.85	.75	1.37	1.09	.01	.93	-	-	-	-
KOROR WSO	R 17.24	.05	.46	1.20	.12	-	-	.96	.15	.85	.25	1.87	.02	2.57	.27	.28	T	.75	.06	1.89	-	.49	.85	.75	1.37	1.09	.01	.93	-	-	-	-
KWAJALEIN WSO AP	R 11.60	.25	.38	.01	.56	1.18	.99	.02	.13	.12	.61	.20	.05	.88	.87	.65	.18	.11	.15	.33	.19	.01	1.10	.91	.01	.07	.35	.81	.34	.02	.11	-
LELE I. KUSAIE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAJURO WSO AP	R 16.51	.14	.11	.59	.62	.48	.32	.01	.03	.58	1.31	1.87	.24	1.12	.91	.31	.28	.04	.30	.64	1.07	.23	.25	.60	.89	1.46	.07	.29	1.55	-	-	-
METALIKUM	18.21	-	1.10	1.20	-	1.20	2.42	.62	-	2.37	-	-	-	-	-	2.00	.55	1.41	-	-	-	.30	1.00	.80	.20	2.10	.90	-	-	-	-	-
MOEL ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG-BABELTHUAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONAPE WSO	R 12.61	.03	T	1.43	.29	1.15	.01	.14	.02	.09	.51	.12	.01	.56	.29	.13	1.17	.59	.39	.01	.21	1.91	.14	.35	.82	.23	.37	.65	.86	.13	-	-
SATAVAN ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAU-K. MDEN I. WSO AP	R 12.02	.12	T	-	.28	.05	.28	.52	.36	.35	.22	1.23	.07	.03	.67	.39	T	.91	.04	.13	.27	.14	.43	T	.20	2.18	.26	1.75	.03	1.09	-	-
WOLEAI ATOLL	10.96	1.60	.37	-	.28	.05	.28	.52	.36	.35	.22	1.23	.07	.03	.67	.39	T	.91	.04	.13	.27	.14	.43	T	.20	2.18	.26	1.75	.03	1.09	-	-
YAP WSO AP	R 11.25	.36	.85	-	-	-	-	.32	.38	T	.59	.13	.89	.98	.84	.19	.41	.90	.15	.01	.63	.01	.41	.03	.55	.21	.73	.72	.79	.17	-	-

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	73 46	75 44	76 50	75 49	76 43	79 43	75 55	72 53	74 53	71 56	72 47	74 50	76 52	73 47	74 53	68 56	74 56	75 54	76 54	74 55	72 47	76 48	75 51	74 57	75 57	75 57	74 54	72 49	71 46	76 47	74.1 51.0	
KILAUEA POINT 1133	MAX MIN	81 69	80 71	81 73	81 74	82 73	81 72	82 73	81 70	83 71	82 73	80 71	83 70	81 73	86 73	80 73	81 73	81 75	80 73	83 75	82 72	83 74	82 70	82 72	82 72	82 73	84 74	80 73	81 74	81 72	81.5 72.2		
LIHUE WSO 1020.1 AP	MAX MIN	81 69	82 70	83 75	83 76	82 75	82 75	82 75	83 75	84 75	83 74	83 70	83 71	83 70	83 73	83 75	82 73	83 75	83 75	82 73	82 75	82 69	82 71	82 75	82 74	82 74	83 74	82 72	82 73	83 74	82.5 73.1		
MAKAHUEA POINT 940.1	MAX MIN		85 75	85 75	85 74	89 75	82 74	88 69	85 75	84 75	85 73	89 76	86 74	88 75	83 76	82 75	84 76	88 72	89 74	84 72	85 73	85 76	85 73	85 76	85 76	85 76	81 76	80 74	89 70	84 74	86 77	85.0 74.0	
MANA 1026	MAX MIN	87 69	87 68	87 69	89 67	88 66	89 65	87 64	88 69	88 66	87 69	85 65	86 68	87 73	88 67	87 67	86 69	86 64	87 67	86 67	87 65	87 68	85 65	85 65	88 66	87 68	87 66	85 65	88 66	85 62	87 62	86.9 66.7	
NIU RIDGE 1035	MAX MIN	82 63	83 62	84 63	85 63	83 62	84 64	83 63	82 63	83 64	82 62	83 64	83 63	82 63	83 63	84 63	84 64	83 63	83 64	82 63	82 64	82 65	81 62	83 64	84 65	85 65	85 63	84 63	80 62	83 62	80 62	83.0 63.3	
WAIAMI LOWER 1054	MAX MIN	83 60	84 60	83 64	85 66	85 66	85 62	84 65	82 66	82 65	82 67	81 64	83 62	87 62	84 60	85 62	82 66	82 65	84 66	84 65	84 65	85 61	85 62	85 62	85 62	82 68	82 64	82 64	83 65	82 63	82 63	83.5 63.7	
ISLAND OF OAHU																																	
B Y U LAIE 903.1	MAX MIN	85 64	86 75	86 75	86 72	85 74	86 74	84 72	85 72	85 74	85 65	85 70	85 73	85 72	84 70	86 72	86 73	86 73	86 70	85 72	85 68	85 70	85 68	85 69	86 69	86 72	86 72	85 74	85 74	85 73	86 71	86 74	85.3 71.8
EWA PLANTATION 741	MAX MIN		89 63	89 69	88 68	88 67		88 67	87 68	87 69	87 65	85 65		88 65	85 68	85 69	86 67	87 67					87 64	85 65	87 69	87 71	86 68			87 64	86 66	87.0 67.0	
HONOLULU WSO 703 AP	MAX MIN	89 68	90 74	87 76	89 72	88 72	87 73	87 73	87 71	87 72	89 74	85 74	85 68	85 69	86 74	86 72	87 74	87 72	88 72	88 67	87 67	88 67	86 66	89 73	88 74	88 74	87 73	86 71	88 69	88 73	87.2 71.5		
HONOLULU SUBSTA 704	MAX MIN	83 71	84 74	83 75	84 73	82 73	82 74	80 73	82 72	83 71	83 72	84 73	81 72	83 73	84 72	82 73	82 75	81 73	82 75	81 72	83 72	82 72	83 72	83 74	83 75	83 76	82 74	85 73	83 74	83 75	82.7 73.4		
KANEHE MAUKA 781	MAX MIN	82 70	83 71	82 74	82 72	84 72	83 72	82 72	82 69	83 70	82 71	84 71	84 70	87 71	87 73	83 72	81 71	83 71	82 71	83 71	83 70	84 70	83 70	86 71	82 73	82 73	82 73	83 73	83 73	85 72	81 71	85 72	83.1 71.5
LUALUALEI 804	MAX MIN	87 61	86 65	85 70	88 68	86 64	84 69	82 69	87 68	85 68	84 68	83 66	87 64	89 67	88 64	83 72	84 68	85 71	84 70	85 71	82 66	82 66	82 63	84 63	85 63	85 63	86 74	86 73	85 65	86 65	87 63	89 69	85.0 68.0
MANOA LYON ARBORETUM	MAX MIN	83 67	84 68	83 69	79 69	82 68	84 69	77 67	78 65	81 65	81 67	83 64	84 67	85 64	86 64	79 67	79 66	78 69	81 69	79 67	79 68	82 68	81 68	81 68	80 69	80 68	81 68	85 66	84 67	83 69	81.3 67.4		
OPAEULA 870	MAX MIN	79 62	80 65	85 67	85 67	85 66	85 66	85 66	85 65	85 65	89 66	76 66	79 61	80 62	88 69	89 68	76 64	80 64	82 66	77 66	77 62	82 67	82 68	80 69	81 68	81 67	75 67	79 61	82 65	82 65	81.9 65.6		
PRI WAIHANA 820.2	MAX MIN	82 64	88 61	86 66	85 63	86 62	84 64	82 66	85 65	83 66	84 63	87 61	86 62	88 60	88 61	82 67	82 68	86 65	84 65	84 62	84 62	84 62	85 60	85 60	85 60	84 69	83 66	84 61	86 63	85 61	86 66	84.9 63.5	
WAIALEE 896.3	MAX MIN	83 67	84 71		84 70	83 71	82 72	82 71	81 69	84 70	84 67	83 66	85 63	84 63	85 70	84 73	82 68	83 72	82 71	82 71	82 71	82 71	83 71	82 71	82 71	82 71	82 71	82 68	83 71	83 72	82.8 70.8		
WAIALUA 847	MAX MIN	88 63	88 62	88 66	88 66	80 62	88 64	85 66	87 66	89 66	86 63	86 63	88 63	86 65	88 64	83 65	82 66	85 61	86 64	86 68	87 63	87 63	87 63	87 64	87 65	86 65	86 65	90 61	83 64	87 64	86.3 64.2		
WAIKIKI 717.2	MAX MIN	87 66	88 72	88 73	89 72	87 72	87 71	87 69	87 69	89 69	88 69	88 69	86 66	88 66	86 73	86 71	86 72	86 71	87 72	87 71	87 65	87 65	87 65	87 65	87 65	87 65	87 65	88 68	86 71	86 71	86.9 69.9		
WAIMANALO EXP FARM	MAX MIN	85 70	85 74	84 73	84 74	85 74	85 73	84 70	84 68	84 69	84 74	85 64	89 67	87 71	85 74	84 74	84 73	81 71	84 73	84 71	84 73	84 69	84 69	84 69	85 69	83 73	84 73	84 73	85 73	84 72	84 74	86 74	84.5 71.7
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN	87 66	87 69	89 75	89 68	88 74	88 66	85 71	86 68	87 69	88 75	86 68	86 67	86 69	83 69	89 68	85 69	86 70	86 70	86 68	85 68	85 65	86 65	86 65	88 70	86 75	88 70	88 70	86 65	85 64	86 66	86.5 68.7	
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN		78 67	78 66	78 67	78 65	80 66		85 65	74 65	76 64	75 63	76 63		76 66	75 66	75 64	75 64	74 67				74 62	74 65	77 67	76 68	74 66			77 66	76 66	76.4 65.5	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	64 41	60 45	67 53	73 54	70 52	68 50	70 48	69 42	67 47	64 41	62 40	58 37	65 44	67 43	68 47	61 40	62 41	65 46	68 48	68 42	65 39	61 40	62 43	68 54	70 47	58 41	63 39	61 41	60 41	60 40	64.8 44.2	
HALEAKALA SUMMIT 338.4	MAX MIN																																
HANA AIRPORT 355	MAX MIN	82 70	84 71	83 72	83 69	84 69	80 70	82 69	81 63	82 69	82 69	84 69	83 70	82 69	83 70	82 69	82 71	82 69	82 71	82 69	82 69	82 68	83 68	82 68	82 68	82 68	82 68	83 68	80 69	82 70	83 67	84 67	82.4 69.3
KAAHPALI AP 453.1	MAX MIN	86 66	84 67	84 70	89 68	83 67	84 67	84 70	83 69	84 69	84 69	82 67	84 66	82 67	85 66	83 68	83 71	84 71	83 68	84 65	85 65	82 65	83 65	85 72	84 69	85 65	84 69	83 65	85 66	83 67	82 65	83.8 68.0	
KAHULUI WSO 398 AP	MAX MIN	85 65	87 66	88 67	87 65	86 61	85 60	84 72	85 72	86 72	86 67	86 64	85 64	87 67	85 72	86 72	85 69	86 70	83 71	84 73	84 70	84 61	86 60	86 68	86 70	86 73	86 71	86 60	87 64	86 63	83 68	85.4 67.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX MIN	78 61	79 61	78 67	78 65	78 62		79 68	77 71	78 68	78 68	79 68		81 67	78 66	76 67	78 68	79 68					81 65	80 64	81 65	81 65	81 65		79 70	79 68		78.9 66.2	
KEAWAKAPU BEACH 260.2	MAX MIN	85 65	88 66	90 70	90 69	88 65	90 63	88 65	89 65	86 67	85 66	89 67	88 68	87 70	90 65	89 65	88 68	90 65	87 63	87 64	84 66	85 64	88 63	85 63	89 65	89 68	90 64	84 63	87 66	86 66	84 63		87.5 65.6
KULA SANATORIUM 267	MAX MIN	74 59	74 58	80 60	76 59	75 58	75 56	74 55	72 56	72 58	70 58	71 57	73 58	74 58	75 57	74 58	72 58	76 55	75 56	76 57	72 58	70 57	70 56	70 57	75 57	74 58	73 57	74 58	74 56	73 57	71 58		73.5 57.3
LAHAINA 361	MAX MIN	88 69	87 70	88 71	87 69	87 67	88 66	89 69	87 70	89 68	86 70	85 68	88 68	89 68	88 70	88 70	88 71	87 68	87 66	91 67	88 67	87 66	86 67	88 68	87 68	87 70	86 66	87 66	87 67	86 68	87 66		87.5 68.1
WAILUKU 386	MAX MIN		82 71	84 73	84 71	83 70		82 69	82 70	81 71	83 69	83 68		85 68	81 69	80 71	81 71	81 71		81 72				81 68	82 72	82 72	81 73	80 70		84 71	82 70		82.1 70.4
ISLAND OF HAWAII																																	
HAWAII VOLCANO NP HQ 54	MAX MIN	73 53	73 58	68 54	72 53	72 52	71 53		69 46	67 53	68 53	71 52	72 52	69 50	69 52	68 52	65 54	67 53	68 53	69 53	71 53	71 54	69 53	70 52		70 51	71 52	71 55	71 54	72 51	73 51		70.0 52.6
HILO WSO 87 AP	MAX MIN	85 68	82 72	86 70	84 66	84 67	84 69	80 68	81 66	82 67	85 67	85 66	82 68	85 66	84 66	82 68	80 66	82 68	83 67	84 68	84 67	85 66	83 66	84 67	85 66	84 67	83 71	82 66	84 70	84 65	83 64		83.3 67.7
KAINALIU 73.2	MAX MIN	78 64	80 64	79 67	78 64	78 65	77 66	78 66	79 66	78 61	79 63	79 64	77 60	78 60	79 62	79 61	76 63	81 63	76 63	79 62	79 63	79 63	77 59	77 64	78 64	78 64	76 61	78 64	81 63	81 62	80 62		78.3 63.1
KAMUELA 192.2	MAX MIN																																
KEAAU 92	MAX MIN	81 66	82 67	80 68	93 67	81 65	82 66	82 67	81 66	80 65	81 67	81 66	82 65	79 65	82 64	80 66	80 65	79 66	80 67	80 66	82 65	81 65	81 66	82 65	81 65	82 65	81 65	82 65	81 64	82 65	81 65		81.4 65.6
KOHALA MISSION 175.1	MAX MIN	81 66	81 69	81 68	81 69	81 68	80 68	80 68	79 66	82 67	82 68	82 66	82 66	84 65	81 68	81 68	80 67	77 66	80 69	79 66	81 66	81 64	83 66	81 68	82 69	79 70	81 66	82 66	83 68	82 67	81 67		81.0 67.3
KONA (KAILUA) 68.3	MAX MIN		85 71	85 73	84 72	85 71		84 70	83 71	83 70	85 71	85 69		85 70	81 71	84 73	85 69	82 69					84 68	84 70	84 71	84 74	85 71		85 70	85 67		84.1 70.5	
KULANI CAMP 79	MAX MIN	67 45	62 53	63 48	67 44	69 46	67 45	64 50	67 49	60 50	61 46		66 48	66 44	63 44	60 44	60 49	60 48	61 48	63 50	62 49	61 49	60 45	63 45	61 45	65 46	64 44	64 49	64 50	65 42	65 40		63.4 47.0
MAUNA LOA SLOPE OBS	MAX MIN	50 35	55 40	55 38	55 35	60 41	57 39	55 37	55 38	53 38	51 35	51 39	55 39	54 38	59 39	64 42	62 45	56 42	58 40	57 41	53 37	51 35	54 37	59 41	55 36	57 39	53 37	50 32	49 34	55 37	58 38		55.2 38.1
MOUNTAIN VIEW 91	MAX MIN	81 60	81 60	74 64	80 59	80 59	81 60	81 60	81 60	73 61	76 59	78 64	79 64	79 57	79 57	79 57	75 61	76 63	76 61	78 59	79 60	79 60	79 60	77 60	78 61	79 62	78 58	79 58	79 58	79 58	79 56		78.4 59.8
NAAHEHU 14	MAX MIN		85 68	79 70	84 69	84 68		83 66	84 66	85 69	84 67			83 60	83 62	80 69	84 67	84 66					85 66	82 69	84 68	84 68	84 63		85 68	83 66		83.5 66.9	
OOKALA 223	MAX MIN	80 68	80 70	80 70	81 70	81 70	80 71	80 71	79 67	82 67	81 68	81 68	81 68	81 65	84 68	82 67	80 66	73 67	80 67	80 63	80 62	80 67	80 68	80 70	80 69	80 66	81 66	80 67	80 68	79 68	79 68		80.1 67.7
OPIHIHALE 2 24.1	MAX MIN	78 61	82 62	82 63	82 64	81 62	79 62	78 64	75 63	78 60	83 61	83 59	82 60	79 63	80 63	76 59	82 60	79 61	77 58	78 59	79 60	80 60	76 61	79 60	81 62	81 60	82 61	83 61	83 60	81 61		80.0 61.0	
PAHALA 21	MAX MIN	84 62	83 69	80 67	83 63	82 63		82 62	80 65	82 65	81 62	82 63	78 62		81 65	80 62	82 62	80 62					82 62	80 63	80 64	83 64	83 61		82 62	81 60		81.4 63.3	
PUAKO 95.1	MAX MIN	86 67	84 68	85 72	85 69	86 69	89 72	87 72	87 71	87 72	85 69	85 71	85 65	83 67	84 68	85 72	87 68	84 73	84 72	82 72	84 70	85 67	84 67	83 70	87 72	86 72	87 70	85 69	86 70	86 69	86 67		85.3 69.7
UPOLU POINT USCG 159.2	MAX MIN	81 70	81 70	82 70	86 69	84 71	81 69	82 70	80 68	82 70	85 68	86 70	85 70	82 68	85 70	84 70	84 68	80 68	84 69	83 69	83 70	84 69	85 68	83 72	84 70	84 69	82 69	84 69	84 68	86 72		83.1 69.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • •																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	87 75	80 75	87 75	88 76	88 75	89 73	87 73	86 73	88 73	89 75	79 75	87 72	87 72	87 73	87 74	87 70	88 72	87 73	87 75	87 77	87 76	86 77	87 75	85 77	86 75	87 72	85 75	86 74	87 75	85 75	86.5 74.3	
JOHNSTON WSO AP	MAX MIN	84 78	83 77	84 78	84 76	84 78	84 78	83 78	84 72	83 75	84 78	84 77	83 77	84 77	84 78	84 73	84 77	85 79	85 77	84 78	84 71	85 78	84 78	84 73	83 78	83 79	83 74	83 74	84 75	83 77	83.8 76.6		
LEONE	MAX MIN																																
FRENCH FRIGATE SHOALS	MAX MIN	89 73	87 73	89 75	89 75	86 75	88 74	88 76	84 76	88 72	86 76	86 74	84 74	86 73	81 75	87 77	87 78	87 77	84 78	86 74	87 74	88 73	88 75	85 75	87 73	85 75	87 74	87 74	80 76	84 75	87 76	86.2 74.8	
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	85 75	85 77	86 76	86 75	85 76	84 73	85 78	85 76	86 78	84 73	83 73	84 76	81 73	86 73	84 73	87 71	86 68	83 73	85 74	83 72	84 77	84 78	86 78	85 78	84 72	82 72	85 76	84 76	84 74	84.5 74.7		
SWAINS ISLAND	MAX MIN																																
• • •																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	83 76	83 74	86 74	86 75	86 75	82 73	87 75	87 77	86 77	87 78	87 79	87 78	86 79	85 77	83 76	84 76	84 77	89 78	85 76	85 74	85 74	86 77	63 77	84 76	89 74	87 75	86 77	85 77	84 75	83 75	85.3 76.1	
CLARK AFB LUZON	MAX MIN	84 75	81 73	84 72	86 73	86 75	88 77	88 77	90 77	90 72	91 73	93 77	90 75	88 77	88 73	91 70	90 75	88 77	77 75	91 75	91 75	91 75	88 75	86 75	86 75	86 75	85 75	91 73	88 75	84 75	91 75	87.9 74.7	
GUAM NAS	MAX MIN																																
GUAM WSMO	MAX MIN	86 72	84 69	85 75	85 75	87 73	88 71	88 69	88 68	89 68	86 72	87 73	87 73	88 76	88 72	83 72	85 71	82 71	85 73	86 73	86 73	86 71	87 74	85 72	83 71	85 67	88 67	86 70	86 73	86 73	85 72	86.0 71.6	
SAIPAN USCG LORAN	MAX MIN	89 75	89 73	89 76	89 76	89 80	88 74	88 75	88 79	90 75	90 76	89 75	90 76	89 79	90 75	89 76	88 76	87 73	84 76	88 77	88 74	88 74	88 76	88 75	87 73	88 74	88 73	88 74	88 76	89 73	83 74	88.2 75.3	
WAKE WSO AP	MAX MIN	89 78	84 76	81 71	84 69	88 72	89 77	88 76	87 76	87 76	89 79	90 77	90 79	90 77	88 77	89 78	89 77	86 78	86 73	89 75	90 76	83 73	84 72	85 72	84 74	86 75	88 77	89 78	89 78	88 76	89 76	87.3 75.7	
• • •																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX MIN	88 82	89 80	86 79	86 80	85 75	88 78	89 80	89 78	89 72	90 78	89 73	88 80	90 74	84 78	82 75	87 74	89 81	85 81	86 81	86 80	88 73	88 80	89 73	84 76	89 78	88 73	86 76	84 78	86 80	88 78	87.2 77.5	
FALALOP I. ULITHI	MAX MIN	86 82	88 79	85 78	87 84	88 84	86 81	87 79	87 80	87 80	87 82	87 82	87 81	85 81	87 79	87 80	87 80	81 75	83 81	86 81	86 83	86 84	87 80	87 79	86 79	88 82	87 79	86 84	86 81	86 77	86 78	86.2 80.5	
KAPINGAMARANGI ATOLL	MAX MIN	89 76	89 78	89 79	89 74	87 75	89 75	88 78	89 79	89 78	90 75	89 76	88 76	89 75	87 76	89 77	87 75	89 76	89 74	88 75	90 78	90 76	88 77	90 76	88 75	90 76	90 76	89 78	90 78	92 78	89.0 76.4		
KOROR WSO	MAX MIN	90 76	83 75	88 72	88 74	89 75	90 77	90 74	91 74	88 75	86 75	87 73	89 76	88 73	88 74	87 74	88 78	89 74	88 77	88 75	91 75	89 77	91 76	87 77	88 74	88 75	85 74	87 72	87 76	87 75	88.1 75.0		
KWAJALEIN WSO AP	MAX MIN	86 77	85 76	86 80	86 75	82 73	84 73	86 78	86 78	87 77	86 76	86 76	86 77	85 75	83 74	86 74	83 76	87 79	87 77	86 75	86 78	86 75	85 73	86 80	87 73	85 80	86 77	85 77	86 74	86 75	86 77	85.4 76.3	
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	85 77	85 77	86 75	86 76	84 75	84 75	85 76	85 78	86 76	84 74	81 74	81 74	85 75	86 75	85 74	85 75	85 75	84 76	84 75	85 79	86 74	85 75	86 76	87 74	84 75	84 75	85 77	84 75	85 75	84 74	84.7 75.3	
METALANIM	MAX MIN	88 79	88 80	89 80	88 80	87 79	88 80	87 81	87 82	87 83	88 79	87 77	87 78	87 80	88 81	88 82	87 83	88 80	87 81	86 80	87 81	87 80	88 80	86 80	87 81	88 81	88 82	87 81	88 80	88 78	88 80	87.4 80.5	
PONAPE WSO	MAX MIN	90 72	90 73	82 73	89 75	78 70	90 69	86 73	90 72	89 75	89 73	86 71	89 71	90 72	88 72	87 72	90 76	88 75	89 73	86 72	87 75	90 73	85 72	90 74	89 74	89 76	88 75	86 73	88 73	89 75	89 75	87.6 73.3	
TRUK, MOEN I. WSO AP	MAX MIN	87 75	89 76	88 80	87 76	88 74	88 74	87 72	87 73	86 76	88 77	88 73	88 77	88 75	89 75	88 76	87 74	87 75	84 75	87 75	86 76	88 75	87 74	86 76	87 74	86 76	88 73	84 76	85 74	87 75	86 75	86.9 75.2	
WOLEAI ATOLL	MAX MIN	89 74	88 79	90 70	90 79	90 80	90 73	87 73	91 71	88 71	91 73	87 71	89 75	89 76	89 75	89 75	88 79	88 74	89 72	90 74	88 75	89 75	91 77	90 75	88 74	90 76	90 76	87 76	88 74	83 74	88.9 75.0		
YAP WSO AP	MAX MIN	87 75	83 73	88 74	88 72	87 72	88 73	86 70	87 74	89 70	87 74	87 75	82 75	85 73	85 73	85 74	86 73	85 72	86 74	88 74	89 73	85 76	88 70	87 75	87 74	88 74	86 72	88 70	85 73	87 74	82 71	86.3 73.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.36	.33	.37	.37	.39	.38	.40	.38	.44	.22	.33	.28	.29	.31	.47	.44	.40	.38	.36	.34	.46	.27	.37	.36	.35	.36	.42	.31	.35	.35	10.84	
	WIND	118	124	168	185	180	172	205	233	210	202	134	88	94	111	200	295	272	209	180	184	124	108	186	250	231	212	192	153	158	160	5338	
	MAX	85	87	88	88	88	87	85	83	85	84	86	88	88	88	88	88	88	88	88	87	86	84	85	85	84	85	85	86	85	87	86.3	
	MIN	65	63	65	66	67	65	64	64	65	67	66	65	64	66	65	65	65	65	64	65	67	65	62	63	66	65	65	65	65	64	64.9	
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.35	.35	.45	.30	.42	.41	.42	.38	.37	.45	.30	.30	.30	.23	.25	.37	.32	.37	.39	.39	.39	.30	.24	.39	.38	.33	.36	.36	.24	.30	10.41	
	WIND	26	40	31	30	29	33	40	41	32	40	26	29	26	23	43	48	53	39	32	30	28	28	30	45	43	34	30	31	20	27	1008	
	MAX	92	90	90	85	92	90	90	88	90	91	92	92	94	91	86	90	87	87	88	89	90	88	88	89	88	86	86	90	83	86	88.9	
	MIN	64	65	66	65	65	64	65	65	66	66	67	68	65	66	64	68	65	64	64	65	65	64	65	63	65	66	64	64	64	63	63	64.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • • EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.25	.39	.33	.39	.31	.39	.44	.41	.36	.35	.30	.34	.30	.38	.37	.38	.40	.43	.42	.37	.36	.39	.39	.37	.41	.43	.41	.37	.32	.41	11.17	
	WIND	179	165	125	208	210	211	222	250	222	215	112	87	71	140	170	197	216	243	221	155	154	158	170	196	262	240	235	226	211	218	5689	
	MAX	91	87	90	89	86	89	88	88	87	88	94	95	96	93	91	90	89	89	90	91	90	91	90	89	87	86	86	87	88	86	89.4	
	MIN	70	70	69	71	71	70	70	70	69	69	70	70	69	72	71	70	69	69	71	70	69	70	70	69	71	72	70	70	71	70	70.1	
• • • WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.16	.12	.27	.22	.20	.32	.30	.21	.15	.21	.24	.20	.24	.27	.08	.09	.12	.25	.17	.19	.23	.24	.29	.24	.15	.14	.23	.24	.14	.23	6.14	
	WIND	39	29	98	95	55	47	42	37	23	45	44	71	122	58	59	57	69	120	56	81	80	106	82	27	12	28	62	95	163	85	1997	
	MAX	91	86	90	91	92	94	95	96	90	92	93	86	90	90	83	84	81	86	89	87	89	89	86	87	85	91	88	87	82	88	88.6	
	MIN	71	71	71	72	72	71	69	69	69	71	73	72	71	71	70	69	69	70	70	71	70	70	70	70	69	68	68	70	70	72	69	70.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAOH 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMER	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMER	3	22 08	159 40	3600	7A	7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMER	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMER	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMER	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMER	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMER	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMER	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIMER	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMER	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMER	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMER	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMER 947	9629	03	WAIMER	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 05	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID			NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI			WAIHAOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEHOE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240					MILNOR LOM
MAKAHA KAI 756.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAELUA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20					MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.14	8655	01	OAHU	1	21 19	157 40	40					SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAIHAOLE 837	A 8954	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHAOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHAOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHAOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					WAIMANALO EXP FARM
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAIPIAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO A 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAIL 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAD NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUWALA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KRAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KRAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPU UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			KRAUPO RANCH CO.
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO.
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOR 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KRONOLU RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL NOTES	
ISLAND OF MAUI												
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIIEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUALA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A			MRS GENEVIEVE T ARRUDA
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEARU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEATWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAKAHALAU 103		5761	02 HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03 KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02 HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05 HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04 N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01 N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MORULA 18	A	6407	03 KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91		6552	02 PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03 KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A	6697	04 S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01 N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02 N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04 S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02 PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAW 217		7204	01 HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01 HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03 KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02 PUNA	2	19 30	154 57	670		6A			PUN SUGAR COMPANY
PAKAO 37	A	7643	03 KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1		7711	02 S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02 S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02 S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6		8058	01 HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A	8063	02 HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PURAO 95.1	A	8186	05 KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01 HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	A	8452	05 HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04 N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01 HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02 S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05 N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02 S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03 KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118		8780	01 HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01 N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2		9025	02 S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8		9142	04 HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6		9350	01 N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	3A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION FOR HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- + Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- * DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

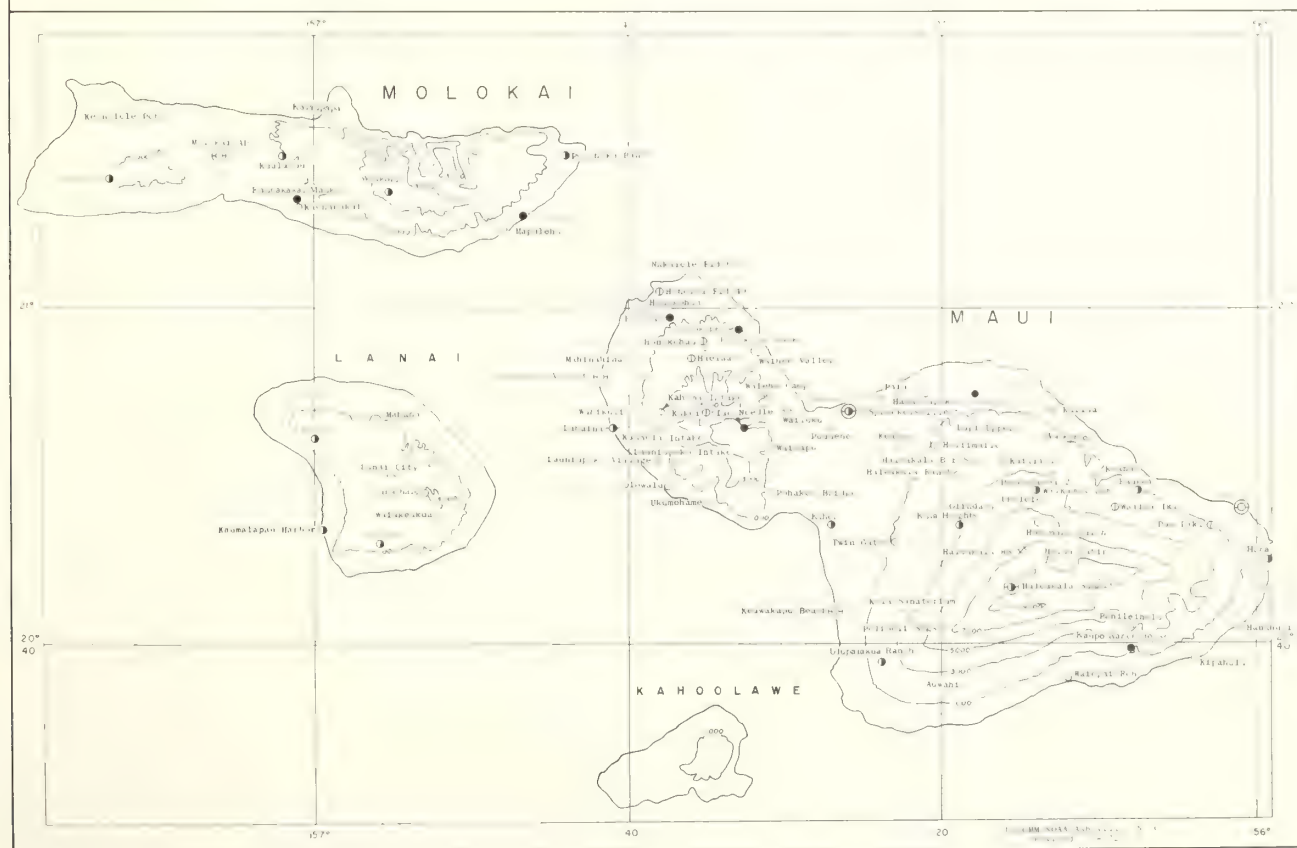
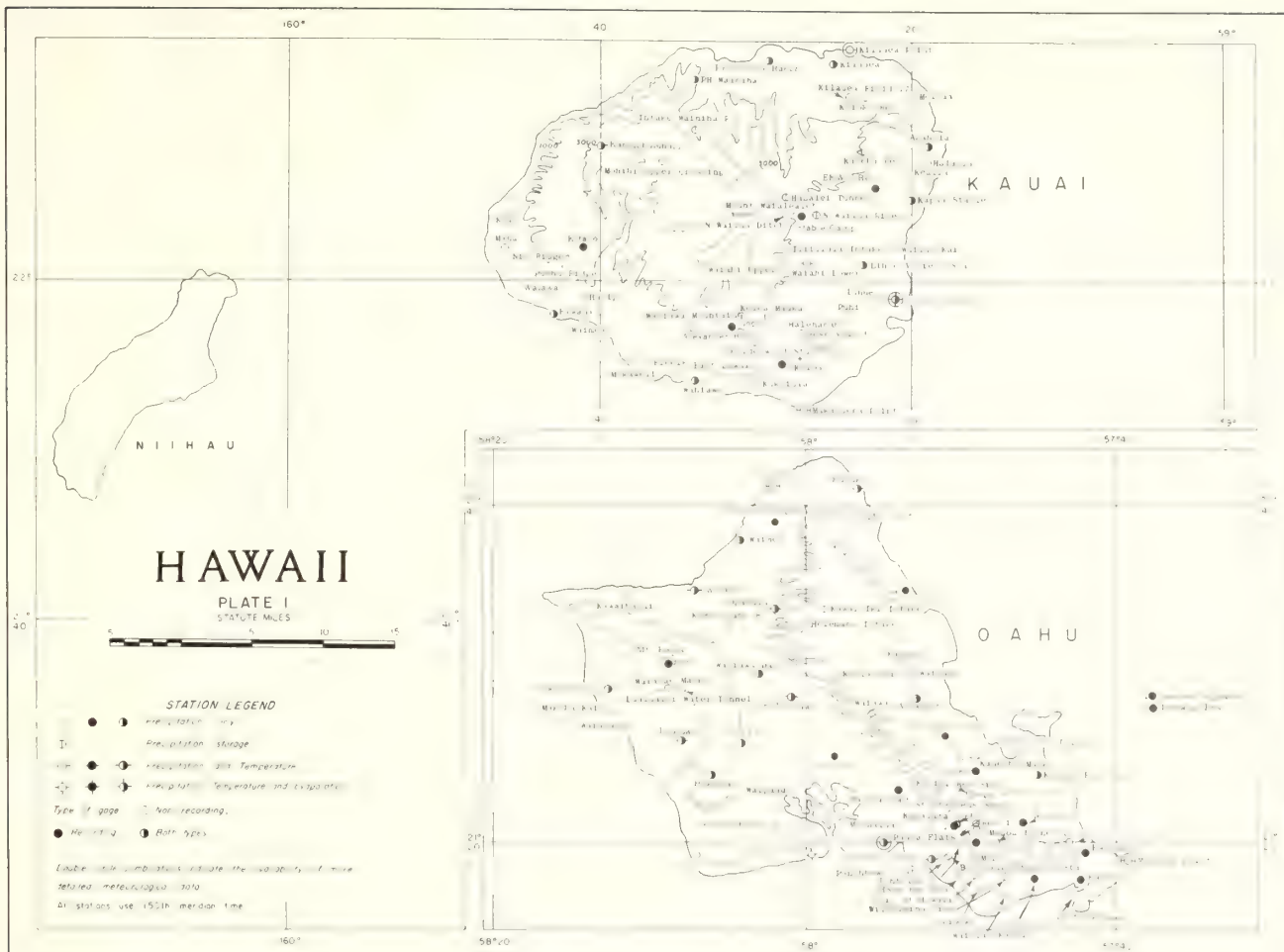
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

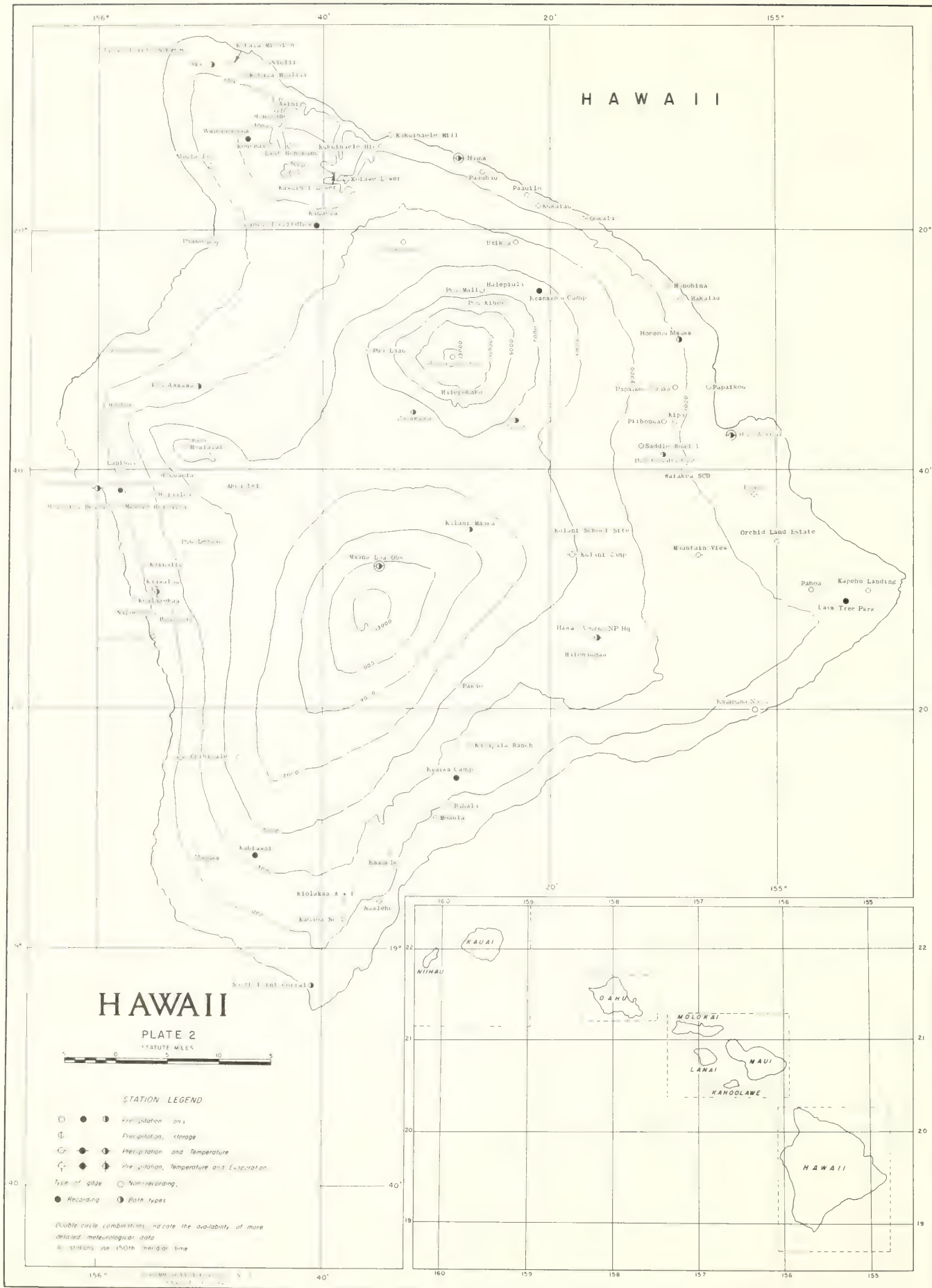
Subscription Price: \$4.50 a year for each section including annual summary; \$4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

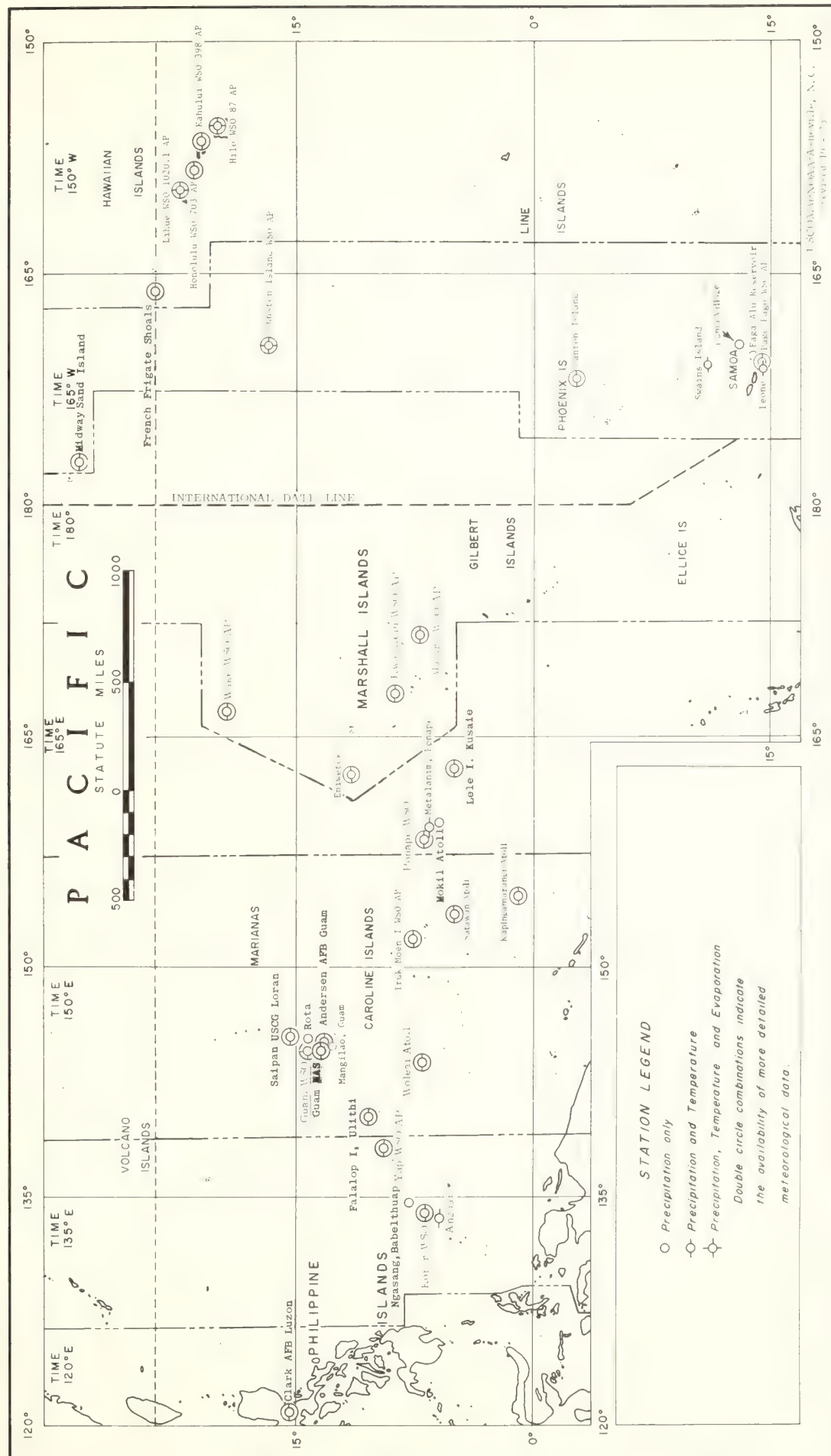
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

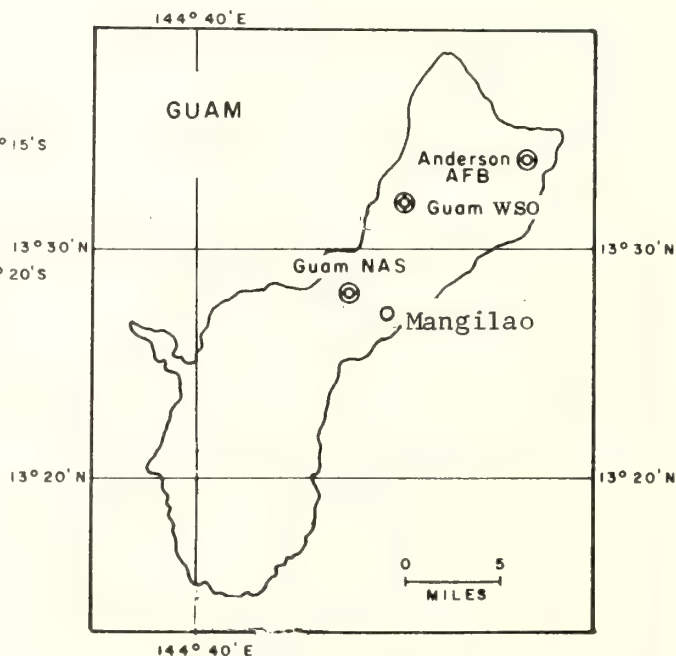
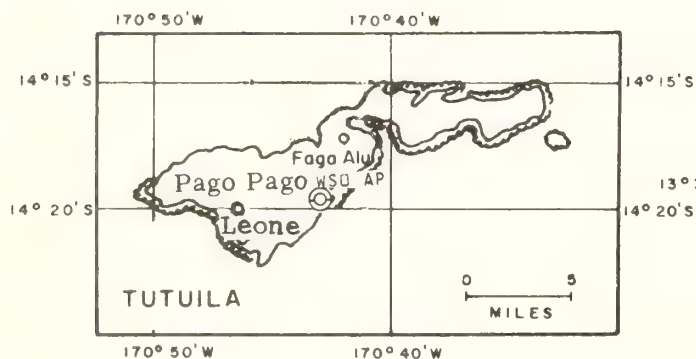
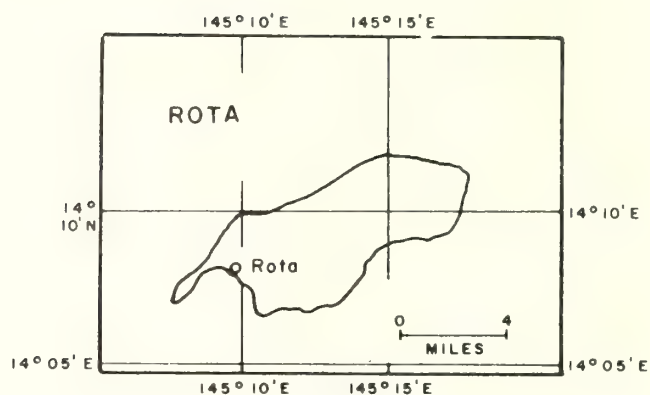
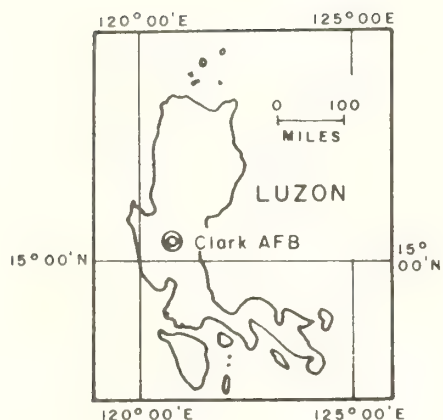
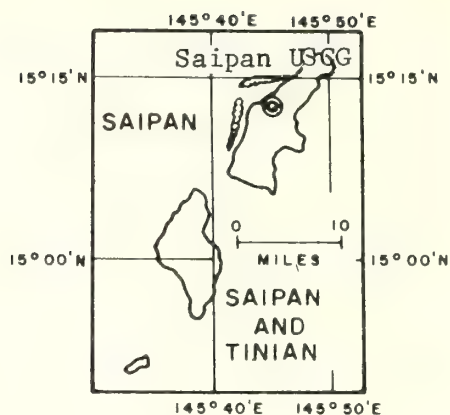
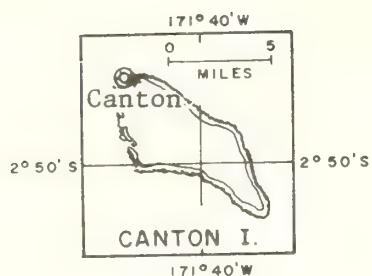
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 12/5/75-970

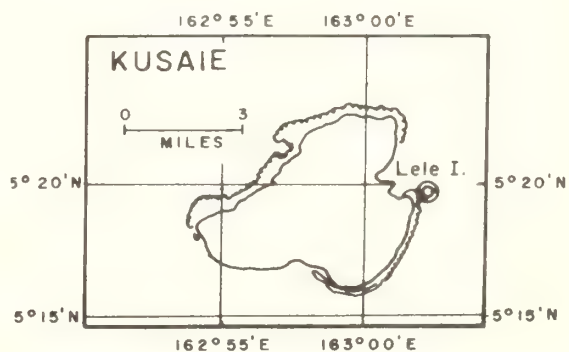
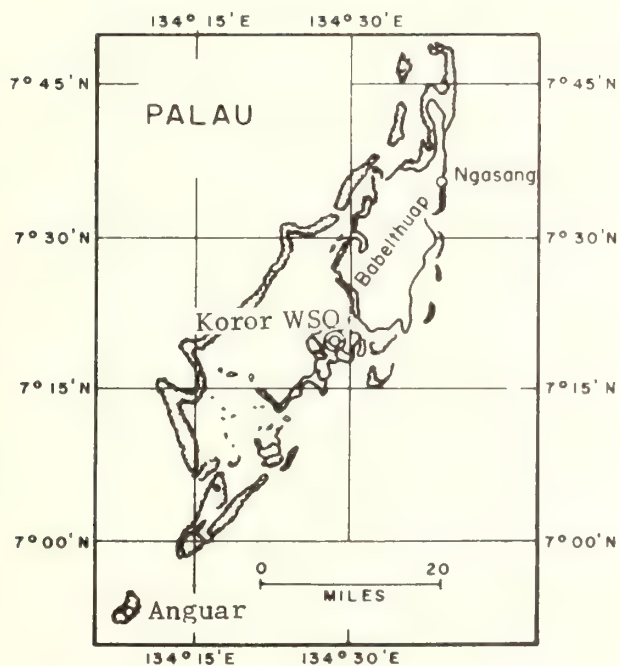
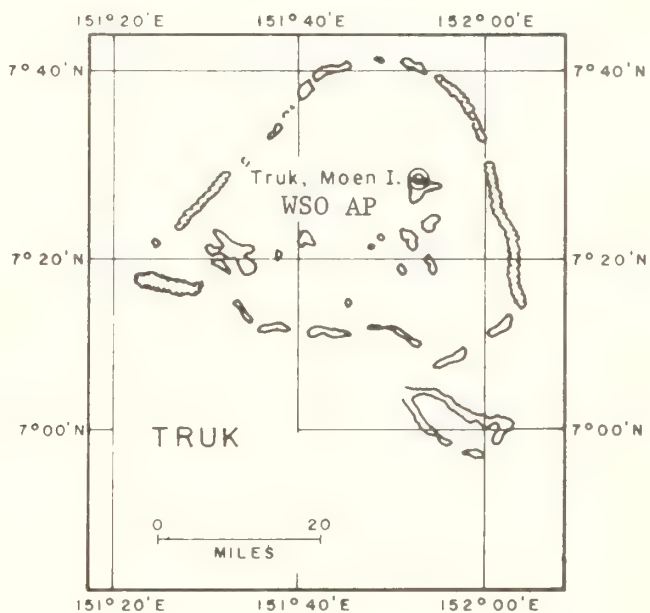
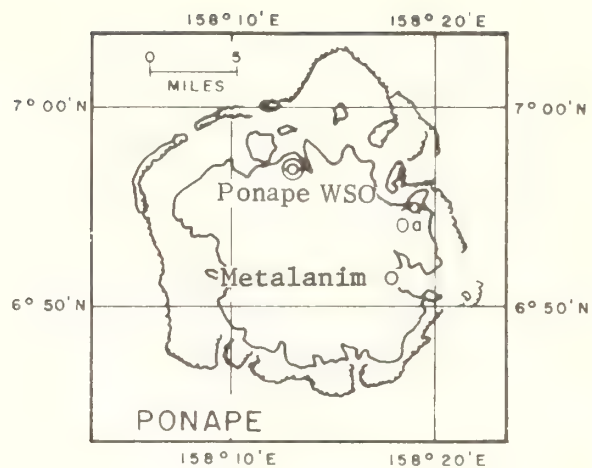
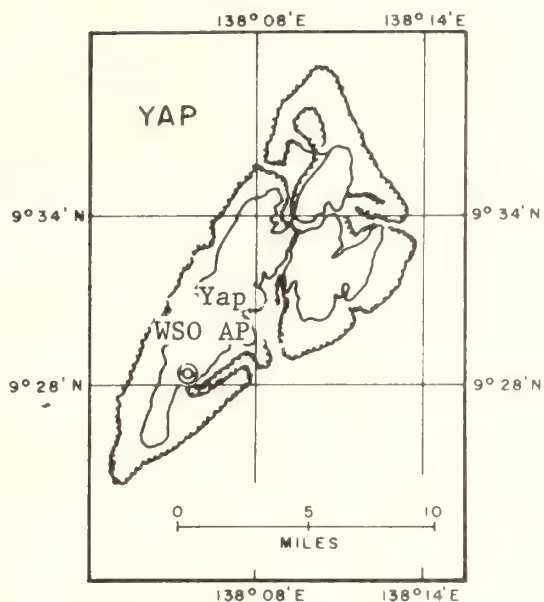




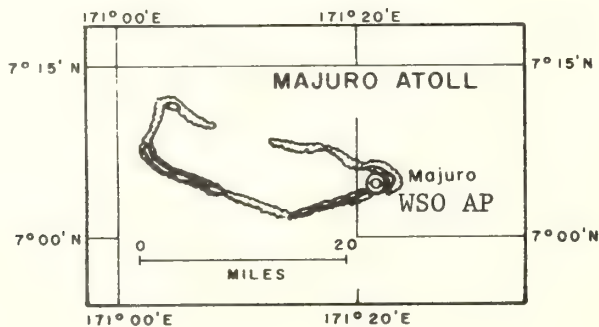
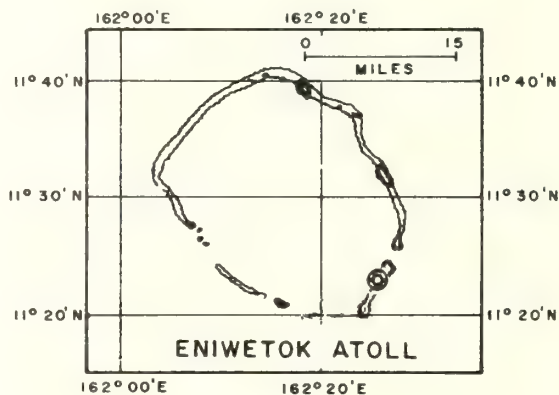
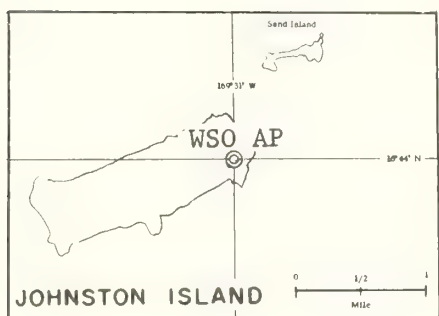
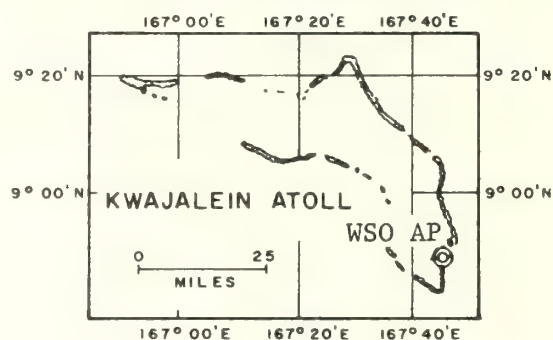
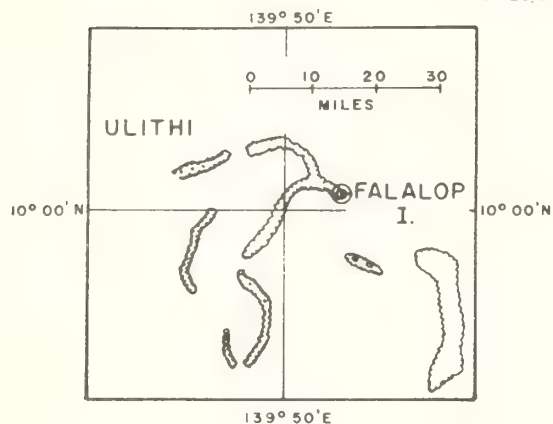
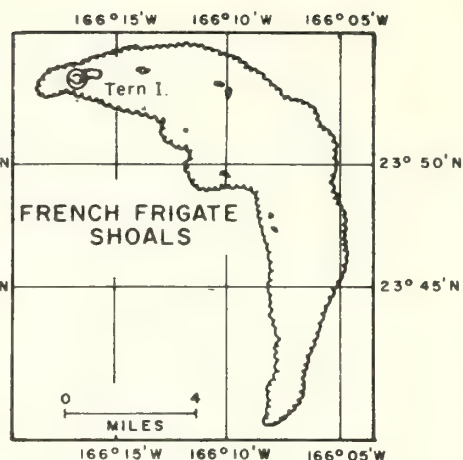
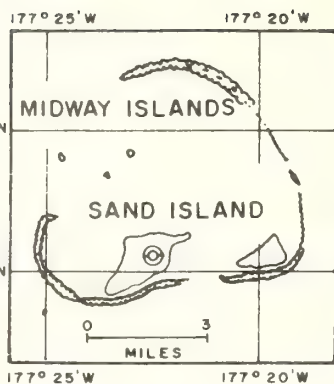
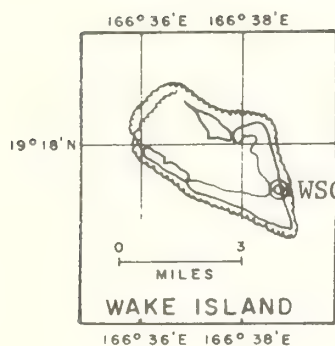




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Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: 2 STATIONS 90 DATE 06+
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 31 DATE 19
 GREATEST TOTAL PRECIPITATION: MOUNT WAIALEALE 1047 KAUAI 26.47
 LEAST TOTAL PRECIPITATION: 5 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 6.00 DATE 19

SUPPLEMENTAL DATA

RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET	
						STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
						GREENWICH CIVIL													
						12	18	00	06										
-	-	-	20	SE	13+	-	82	82	95	1	7	14	2	3	1	28	51	8.6	
20	0.7	6.2	18	E	25	86	81	70	83	3	4	16	7	0	0	30	22	8.2	
6	12.1	13.2	27	NE	18	74	69	56	70	16	3	1	0	0	0	20	64	5.9	
9	17.2	17.6	41	E	27	77	77	70	77	8	10	5	0	0	0	23	79	6.1	
6	12.8	14.1	36	E	25	76	75	58	72	12	4	1	0	0	0	17	69	5.7	
16	1.8	6.1	21	NW	07	89	-	79	76	1	1	15	0	5	0	22	46	8.7	
-	-	-	33++	11	10	84	84	79	80	1	8	9	9	2	2	31	-	9.3	
7	11.8	13.6	23	E	28	78	75	63	74	5	12	3	0	0	0	20	67	5.3	
10	6.6	7.8	26	E	20+	83	85	79	81	1	4	16	5	3	2	31	28	9.4	
9	12.9	14.6	29	NE	01	81	79	68	78	2	10	11	0	0	0	23	64	6.9	
-	-	-	19	NE	01	92	-	81	81	0	3	12	6	6	3	30	28	8.5	
10	3.7	7.1	25	W	06	88	-	76	79	1	6	11	5	3	0	26	43	9.6	
9	11.9	12.9	37	NE	14	84	85	70	77	9	9	5	1	1	0	25	62	5.9	
12	2.5	6.4	22	SE	16	89	-	77	76	3	8	5	8	3	0	27	66	8.4	

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1975

STATION		TEMPERATURE											PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.	MIN.	32° OR BELOW	32° OR ABOVE					TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114		A												1.18											
KANALOHULULU 1075			72.1	52.3	62.2		77 12	42 23			0	0	0	.57		.11	6					1	0	0	
KAPAA STABLES 1104		A												2.42		1.13	23					1	1	1	
KILAUEA POINT 1133			81.2	70.9	76.1		89 2	68 26+			0	0	0	1.88		.40	24+					5	0	0	
KOLA 936		A												3.03											
LIHUE WSO 1020.1 AP		//R	82.5	72.9	77.7	.4	86 24	67 23+			0	0	0	1.03	- 2.81	.24	7					3	0	0	
MANA 1026			87.4	65.7	76.6	-.1	90 6+	61 29			2	0	0	.46	- 1.35	.37	21					1	0	0	
N WAILUA DITCH 1051		A												8.76											
PH MAINIHA 1115														4.24	- 4.69										
PUEHU RIDGE 1040														.18	- 2.59	.18	8					1	0	0	
WAHIAMA 930		A												1.13	- 1.78										
WAIAMI LOWER 1054			81.2	64.6	72.9		86 3+	59 23			0	0	0	6.14	- 3.03	1.83	20					14	2	1	
WAIMER 947														.00	- 1.84	.00						0	0	0	
ISLAND				73.1										2.39											
ISLAND OF OAHU																									
B Y U LAIE 903.1			84.1M	72.2M	78.2M		86 1	65 31+			0	0	0	1.75		.38	23					6	0	0	
HONOLULU OBSERV 702.2														.01		.01	7					0	0	0	
HONOLULU WSO 703 AP		R	85.9	72.3	79.1	.2	88 24+	64 31			0	0	0	.18	- 1.33	.11	7					0	0	0	
KANEONE MAUKA 781			80.9	71.0	76.0	.1	86 24	67 22			0	0	0	1.83	- 4.01	.53	8					6	1	0	
KOLAUA DAM 833		A												10.03		2.37	20					11	5	4	
LUALUALEI 804		A	83.4	69.9	76.7		87 2+	61 31			0	0	0	.18		.13	8					1	0	0	
MANOA LYON ARBORETUM			78.7	66.8	72.8		85 24	60 31			0	0	0	7.72		2.00	20					15	4	3	
MOJUNU RES 4 783														8.24		4.50	19					9	3	2	
OPAEULA 870		A	79.7	67.3	73.5	1.2	82 27+	65 30+			0	0	0	3.02		2.38	20								
PALOLO VALLEY 718		R												6.50	- 3.90	1.48	7					12	4	3	
PRI WAHIAMA 820.2		A	82.1	65.0	73.6		86 24	59 23			0	0	0	1.69											
WAHIAMA DAM 863		A												1.39											
WAIHOLE 837		A												5.52		1.83	8								
WAIALEE 896.3			81.1M	71.7M	76.4M		85 23	66 31			0	0	0	1.72		.74	7					6	1	0	
WAILUA 847		A	84.0	65.4	74.7	-.6	86 22+	61 30			0	0	0	.69	- 1.58	.31	7					2	0	0	
WAIKIKI 717.2			85.5	70.5	78.0		87 16+	62 31			0	0	0	.13		.05	4					0	0	0	
WAIMANALO EXP FARM			83.2	71.3	77.3		86 24+	64 31			0	0	0	.92		.17	8					5	0	0	
WAIPIAHU 750		A												.15		.08	8					8	0	0	
ISLAND				76.0										2.75											
ISLAND OF MOLOKAI																									
KUALAPUU 534		A												.48											
MAUNALO 511		A												.10		.04	17					0	0	0	
MOLOKAI AP 524			85.1	70.3	77.7		87 18+	61 30			0	0	0	.43		.15	17					2	0	0	
ISLAND				77.7										.34											
ISLAND OF LANAI																									
LANAI CITY 672		A	74.7M	65.5M	70.1M	-.8	78 24	60 31			0	0	0	.34	- 2.14							0	0	0	
ISLAND				70.1										.34											
ISLAND OF MAUI																									
HALEAKALA B E S 434		M	66.0	46.1	56.1	1.1	72 26	41 30+			0	0	0	4.60		1.05	3					8	3	2	
HALEAKALA RS 338			80.9	69.6	75.3		84 27	67 30+			0	0	0	1.01	- 2.62	.52	24					4	1	0	
HANA AIRPORT 355		A												3.23		.60	7					13	1	0	
HONOKOHUA 493														1.07		.20	24					5	0	0	
KANAPALI AP 453.1																									
KAHULUI WSO 398 AP		R	83.2	68.6	75.9	- 1.4	87 9	60 30			0	0	0	.37	- .71	.21	17					1	0	0	
KAILUA 446			76.5M	66.4M	71.5M	- 1.1	81 24	62 31			0	0	0	7.39	- 2.68										
KEANAE 346		A												17.00											
KIPAHULU 258														6.18	- 2.21	.81	3					14	6	0	
KULA SANATORIUM 267			73.3	58.2	65.8	-.2	79 20	54 30			0	0	0	1.33	- .58	1.05	20					2	1	1	
LAHAINA 361			86.7	68.5	77.6	.6	90 5+	64 31			3	0	0	.00	- .90	.00						0	0	0	
PAIA 406														1.03	- 1.16	.22	18					4	0	0	
WAILUKU 386		A	80.9M	70.1M	75.5M	- 1.4	84 24+	65 31			0	0	0	.25	- 1.61	.12	24					1	0	0	
ISLAND				71.1										3.62											
ISLAND OF HAWAII																									
HAWAII VOLCONS NP HQ 54		R	68.5	53.5	61.0	- 1.4	74 31	49 30			0	0	0	7.83	-.94	1.87	19					17	5	2	
HILO WSO 87 AP		A	81.5	67.8	74.7	-.3	85 2	65 22+			0	0	0	8.88	- 2.08	.99	19					23	7	0	
HUEHUE 92.1														2.76											
KAINALIU 73.2			77.5	62.5	70.0		81 3+	60 31+			0	0	0	6.45											
KEAAU 92			79.7	65.3	72.5		82 24+	62 1			0	0	0	11.64		2.18	19					21	9	3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1975

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1935SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
OCTOBER
1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KEAU 92	11.64			.10	.35	.40	.16	1.36	.31	.57	.08	.09	.03	.04	.10	.55	.08	.58	.69	2.18	12	.07		1.45	.81		11	.27	.57		32	.10		.15
KIDAKAA A & F 5	5.33	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.33	
KIPA 89.2	16.55			.38	x	x	.92	1.20	.77	.72	.19	x	x	.05	.60	1.12	.48	1.70	x	x	4.00	.29		.01	.06	2.30	x	x	.68		28	.18	.01	.61
KOHALA MISSION 175.1	4.28			.81	.09	.06	.02	.50	.12	.05		T	.01	T	.02	.23	.03	.93	.20	.59	.07					T	x	.14		.08	.15	T	.01	
KOHALE LOWER 106	6.26	x	x	.90	x	x		1.05	x	x	x	x	x	x	x	x	x	1.03	x	x	x	x	x	x	2.00				x	x	x	x	1.28	
KONA (KAILUA) 68.3	1.01		.03		.36		.42		.08													.09	.03											
KONA VILLAGE 93.8	-																																	
KUKAIU 222	4.16			.06	T	.10	.06	.01	.13	.32		.05	.04			T	.24	.26	.44	1.99				.01		.16	.03	.04	.08		.08	.06		
KUKUIHALE HIC 109	3.00		.16	.21		.28	.03	.02	.05	.42	.02		.04		.06	.03	.18	.49	.06	.31	12	18				.02	.02	.02	.04		.15	.04	.05	
KUKUIHALE MILL 206	1.47			.10	x	x	.15		.01	.21				x	.08		.11	.38	x	x	21				.03	x	x	.05		.02	.05		.07	
KULANI CAMP 70	7.49		.10	.15	.04	.02	.12	.52	.87	.07	.02	.07			.02	.35	.02	.45	.47	2.85	.04	.01		.05	.45	.32	.25	.06	.01		.07	.02	.07	
KULANI MAUKA 76	1.35						.05	.10	x	.10				.03	x	x	.09	x	.65	x	x	.05		.25	x		.02						.01	
KULANI SCHOOL SITE 78	7.11	x	x	x	1.20	x	x	.10	x	x	1.08			x	x	x	.09	x	1.32	x	x	.05		.25	x		.02							
LAHINAU 66.2	7.29			.78	.19	.09	.51	.12	x	x	x	x	x	x	x	x	.03	.29	x	.49	.21			.03	3.62	.03	.28		.28	.08	.26	x		
MAKAHALA 103	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.20	x	x	.50	x	x	x	x	x	x	x	x	x	x	x		
MAKAHA 2	1.41				x	x	.26	T						T	.03	.10	30	.70			.11	T	T		.04	T				.04		.01	x	
MAUNA KEA 885 111.2	.18													T	.03																			
MAUNA LOA SLOPE 885	.24				x	x	x	x	x	x	.15				.25	x	x	x	x	x	x	.03		.01			x	x	x		.04		.01	x
MIDDLE MOULUA 68.1	2.47	x	x	x	x	x	2.22	x	x	x	.15				.25	x	x	x	x	x	x	.03		.01			x	x	x		.04		.01	x
MIDDLE PEN 147.1	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOALA 18	2.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.20		
MOUNTAIN VIEW 91	16.78	x	x	.27	.40	.46	.22	1.07	.75	.50	.28	.07	.02	.04	.32	1.20	32	1.35	.88	2.79	15	.30		2.70	.99	.10	.23	.49		.42	.30	.05	.09	
NAALEHU 14	1.94	x	x	T				T	T					T			x	.13	.02	x	x	.02				12	1.35	x	x	.29	T	.03	x	
NAPPOPO 28	2.34	x	x	x	x	x	.08	x	x	x	x	x	x	x	.38	x	x	x	x	x	.72	x	x	x	x	x	x	x	x	.26	x	x		
OKALA 223	6.03			.10	.03	.16	.10	.09	.45	.60	.10	.03	.04	T	T	.07	.13	.45	.23	1.70	.01	.02		.71	.05	.07	.23		.06	.10	.03		.47	
OPINIALE 2 24.1	2.73	T	.01	.95	.12	T	T	.08	.02	T	.03	.01	T	.01	T	.18	T	.12	.20	T	.51	.01		.03	.02	.02	.01	.06		.29	.05			
ORCHID LAND EST 91.5	11.29	x	x	1.50	x	x	x	x	x	x	3.08	x	x	x	x	x	x	1.81	x	x	x	x		x	3.04	x	x	x	x	x	x	x	1.86	
PAHAUHU 217	2.80			.04		.05	.05	.01	.02	.22			.04		.01	.02	12	.45	.16	1.31	.02	.01			.10		.03	.01		.07	.06			
PAUJULO 221	2.80			.02		.05	.01	T	.04	.17	.03	T	.03	T	T	.07	14	.22	.32	1.55	T	.01		.01	.08		.02	.04		.02	.04	T		
PAUJULO 21	1.05							T						T	T	.07	14	.22	.32	1.55	T	.01		.01	.08		.02	.04		.02	.04	T		
PAHA 65	11.40			.23	.41	.50	.20	1.20	.49	.80	.28	.20	.07	.08	.05	.19	.20	.73	.43	1.35	.07	.15		.06	.47	1.25	.09	.26	.59		.46	.16	.10	.14
PAKA 37	6.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	6.00		
PAPAIKOU 144.1	12.18			.23	x	x	.71	.73	.49	.85	.01	x	x	.13	.08	1.70	.17	.86	x	x	2.51	.17		16	1.90	x	x	.47		.30	.25		.46	
PAPAIKOU MAUKA 140.1	15.92		.02	.31	x	x	.83	1.25	.71	1.34	.02	x	x	.16	.27	1.02	.22	1.12	x	x	3.05	.21		21	1.67	x	x	.95		.49	.29		1.78	
PIIMOHUA 89	22.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	22.20		
POHAKEA 220.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
POHAKEA 107	.80																			.58	.18													
POKA 95.1	.04			T										T	.01					.01						.02								
PUI KINE 120	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUI LANU 102.1	A	.46	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.46	
PUI LEHUA 73	2.85	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.85		
PUI MAI 113	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUI 98 82	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUI MAHALA 94.1	.71				x	x	.02							.01	.06				x	x	.24						x	x	x		.20	.18		
SADDLE ROAD 1 84	11.47	x	.91	x	x	x	x	x	x	4.08	x	x	x	x	x	x	2.13	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.35	
SOUTH POINT CORRAL 3	.93	x	x	.20								x	x	x	x	x	.12	x	x	x	x	x	x	x	x	x	.61	x	x	x	x	x	x	
UNIKOA 118	-	-	-									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNOLI POINT USCG 159.2	.61		T	.03	.01	.08		.23	T					T	T		T	11	.02											.04	.07		.01	
WAIKOA SCD 88.2	16.66			.53	.19	.33	.20	1.23	.71	.52	.16	.25	.12	.03	.21	.88	.25	1.83	.56	4.19	.24	.10		.28	10	1.76	.20	.31	.15		.41	.51	T	.41
WAIKOLA-BOIS CAS 95.8	.15	T												T										.15	T									

DAILY PRECIPITATION

HAWAII AND PACIFIC
OCTOBER 1975

STATION	TOTAL	DAY OF MONTH																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
PACIFIC																																						
E X X EAST OF 180TH MERIDIAN																																						
CANTON ISLAND	.08	T				.02		.01	.15		.25		.05								.25	.02		.03	.50			.50					.05					
FAGA ALU RESERVOIR	2.90	.40				.60			.12	T	.31	.15	.05	T	.16		.03	.04	.42	T	.01	T		.15	.06		.01	.01	T			.02	.02					
JOHNSTON USO AP	1.42		T			.01																			.06		.01	.01	T		T	.02	.02					
LEONE	4.51	.95	.07	.10		.36			.06	.40	.26	.10	.40		.20									.30		.05	.12	.40			.13	.06	.25					
FRENCH FRIGATE SHOALS	2.32		.16	.06		.04	.09	.07		.01	.20		.01	.66		.21	.02	.05	.04	.03	.01	.06		.05	.29	.01	.16	.04			.05							
LUPA VILLAGE	9.85	.64	.69	.08		.45	T		.02		.88	1.33	2.64	.26	.35	.07	.19	.20	.02	.14	.48	.06	.24	.49	.14	.02	.01			.12	.25	.01	.07					
MIDWAY SAND ISLAND																																						
PAAGO PAAGO USO AP	2.10	.16	.01	.01		.21	.10		.11	.02		.12	.10	.43					.07	.10	T		.01	.13		.05	.13		.14	.06	.01	.08	.05					
SWAINS ISLAND																																						
E X X WESTERN PACIFIC ISL. NORTH OF 12 N																																						
ANDERSEN AFB GUAM	11.70	.01	.08	.85		.04	.24	.03		.65	.34	.06		.02	.03	.03	.77	1.95	T		.12	T	.12	.17	.13	.57	.03	.11	T	.06	1.47	1.12	1.19	.61	T			
CLARK AFB LUZON	10.35					.02	T			.07			1.09	.03	T			T			.31		.32	.27	4.47	1.66	.66			.04	.05	.15	.15	T	1.06			
GUAM NAS																																						
GUAM USPO	10.68	.29	.01	.32		.22	.24	.05		.65	1.43	.13	.11	.16	.13		.86	1.24	.02		.24	.05	.28	.13	.06	.33	.20	.03	T		1.07	2.23	.14	.06				
MANILA	11.88	.01	.01	.39		.11	1.18	.01		.10	1.00	.18		.11	.31		.35	.80	1.52		.06	.16	.04	.06	.20	.10	.05	1.05	.01		.10	.02	1.48	1.80	.60	.08		
ROTA																																						
SAIPAN USCG LOBAN	7.71	.17	.15	.09		.13	.04	.01		.19	.08	.06		.11	.19	.15	.27	.88	.11		.24	.01	.10															
WAKE USO AP	3.48	.05	1.32	.22		.02	T		T				.01	.07	.21		.01	.20	.01					.02	.06	.21	.14	.16		.05	.06	.06	1.59	.58	1.70	.99		
E X X CAROLINE AND MARSHALL ISLANDS																																						
ANGUAD	9.69			1.21			1.02			.99						2.85																						
ENISETOK	7.74	.99	.38	.79		.51	.32	.74		.11			.02	.32		.01	.04	.20		.15	.05	.33	.38	.46	.02	.16	.06	.98	.03	.10	.30	.01	.22		.06			
FALALBP I. ULITHI	10.79	.23	.10	.20		1.63	.50	.10		.38	.17	.05		.79	.09		2.10	1.35	.03		.20	1.40	.24	.27	.15		.04	.07	.25	.09			.03	.27	.05			
KAPADIMARANGI ATOLL																																						
KOROR USO	11.52	.26		1.92		1.07		.25		1.48	.24	T		.26		1.44		.45	.18	.19		.32	.43	1.69			.12	.22	.29		.17	.23		.25	.06			
KUJALEIN USO AP	15.62	.86	.51	1.27		2.10	.52	.21		.22	.30	1.34		.54	.28	.52	.80	.07	.53		.01	.23	.50		.05	.39	.92	T	.06	.13	.42	.02	2.56	.01	.18	.05	.02	
LELE I. KUSAIE	19.14	1.88	2.84	.15		.85	.03	1.44		1.32	.09	T	1.79	.15	2.11		.02	.17	T		.13	T	T	.18	.33	T	.02	T	2.62	2.73	.21	.02	T	.26				
MAJURO USO AP	18.29	1.70	.30	1.46		.37	.47	.22		.70	.12	2.86		.37	.04	T	.36	.08	2.45		.32	.03	.24	.21	.88	1.40	.18	.71	.54	.36	.10	.46	.16	.07	.75	.28		
METALANIM	29.25	.90	1.00	1.20		1.00	.90			1.10	.85	1.00		1.50	1.10	1.15	1.80	.10	1.75		1.00			2.00	1.10	.80	.10	1.20	3.00	1.00	1.10	1.50	.80		.20			
MOELI ATOLL																																						
NGASANG ABEL THUAP																																						
PONAPE USO	22.25	.74	.84	.11		.55	2.15	1.22		.22	.04	.41		1.35	1.52	.35		.75	2.24	.01		.30	.16	1.06	.30	.67	1.78	.13	.36		.42	2.00	1.16		.42	.09	.22	.64
SATAVAN ATOLL																																						
TAUO. MOEN I. USO AP	12.24	.04	.32	.01		.30	.72	1.12			.26	.86		.41	.14	T	.26	.53			.06	.07	.82	.49	.21	.45	.06		.40	.01	1.58	1.65		.12	.94			
MOLEAI ATOLL	6.77					.32	.02	.12		.12	1.44	T		.08	.84		.80	.63	T		.15	.05	.03		.56	.15	.28		.03			.27	.27	.13	.48			
YAP USO AP	12.67	.02	.08	.82		.92		.65		.14	.04	1.73		.97	.42	.11	.43	.06	.59		.51	1.98	.03		.25	T	.03	1.47	T	T	.78			.03	.53	.08		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
OCTOBER 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
■ ■ ■																																		
ISLAND OF KAUAI																																		
KANALOHULU 1075	MAX MIN	75 48	74 58	74 58	74 57	73 52	72 58	70 57	72 56	74 48	74 56	75 50	77 57	74 49	72 51	74 54	71 51	70 56	70 50	71 51	72 53	70 46	71 48	70 42	73 48	72 54	70 56	72 56	71 54	70 49	66 49	71 43	72.1 52.3	
KILAUEA POINT 1133	MAX MIN	82 72	89 70	81 72	81 71	80 72	80 70	80 71	79 74	80 72	82 71	80 70	81 71	82 69	80 72	81 71	81 73	82 71	82 73	81 76	82 75	82 73	81 72	82 69	83 70	82 68	83 74	80 72	80 76	79 72	80 72	80 70	81.2 70.9	
LIMUE WSO 1020.1 AP	MAX MIN	83 73	83 74	83 73	84 74	82 76	83 73	80 71	83 74	82 74	82 75	82 74	83 71	82 72	82 73	83 76	83 75	82 73	82 75	81 73	82 74	81 72	81 69	83 67	83 67	86 76	84 76	82 73	82 73	82 74	82 75	82 73	82 70	82.5 72.9
MAKAHUEA POINT 940.1	MAX MIN	79 75	86 72	83 72	83 76	89 70	88 69	85 74	79 75	85 71	83 74	82 75	82 72	85 72	85 74	85 75	84 76	85 74	82 75	82 74	82 75	82 73	85 69	88 68	85 76	89 74	83 74	87 74	82 74	88 70	89 70	89 70	84.6 73.0	
MANA 1026	MAX MIN	85 66	89 70	88 70	90 68	89 66	89 65	87 65	87 66	87 65	86 67	87 67	87 66	87 65	89 67	89 67	87 66	86 65	87 66	88 65	88 65	87 65	86 65	85 65	88 66	88 66	88 65	88 65	87 63	86 61	85 64	87 63	87.4 65.7	
NIU RIDGE 1035	MAX MIN	82 62	83 64	84 65	83 63	82 64	84 65	83 64	84 65	83 63	84 63	83 63	84 63	85 65	84 65	85 65	83 63	85 64	84 64	82 63	83 63	83 63	84 64	83 65	84 65	83 63	82 63	83 64	81 62	80 61	81 63	83 63	83.0 63.5	
WAIKAI LOWER 1054	MAX MIN	86 62	86 67	86 65	82 60	83 65	82 68	80 65	82 62	81 66	81 65	82 65	80 62	81 66	82 66	81 65	80 65	81 66	78 65	80 66	81 62	80 66	81 62	80 60	81 59	81 62	77 68	77 65	80 64	80 61	81 65	80 64	81.2 64.6	
■ ■ ■																																		
ISLAND OF OAHU																																		
B Y U LAIE 903.1	MAX MIN	86 73	85 74	84 73	85 75	85 74	84 73	84 71	84 73	84 72	85 73	85 72	84 74	84 74	84 76	84 74	84 74	83 73	83 73	83 73	84 73	83 72	84 73	84 72	85 73	84 73	83 73	82 71	83 71	83 72	84 71	84 65	84.1 72.2	
EWA PLANTATION 741	MAX MIN	88 68	88 69	87 69			87 69	86 68	86 67	86 67			86 65	83 69	84 69	86 69	86 67			85 67	86 67	85 65	85 65	85 65			85 65	85 65	85 69	85 67	85 69	84 65	85.5 67.5	
HONOLULU WSO 703 AP	MAX MIN	87 73	88 74	87 74	87 75	87 74	88 74	85 73	86 74	87 73	86 73	81 75	87 73	87 75	87 73	87 75	87 75	87 73	87 73	85 73	87 73	86 72	86 74	86 69	86 67	88 75	87 75	85 71	86 70	84 70	84 69	85 64	85.9 72.3	
HONOLULU SUBSTA 704	MAX MIN	82 74	82 74	81 75	80 74	82 75	81 74	81 75	81 73	81 74	78 75	82 74	81 75	83 75	81 74	81 75	80 73	79 72	80 72	83 72	81 74	82 73	81 73	80 71	83 71	80 71	83 74	81 74	81 72	81 72	82 72	80 72	80 70	81.1 73.4
KANEHE MAUKA 781	MAX MIN	83 71	84 72	83 74	79 71	82 72	81 71	81 70	78 71	80 71	83 72	83 71	76 70	81 71	79 73	80 71	79 70	82 71	80 70	81 71	80 71	79 72	81 71	80 72	83 67	84 69	86 70	80 73	80 72	79 70	80 70	79 69	82 69	80.9 71.0
LUALUALEI 804	MAX MIN	87 72	87 73	87 73	84 74	83 73	84 70	82 71	84 69	84 70	83 69	79 74	85 70	82 72	81 70	84 74	84 72	84 71	84 72	83 70	84 67	84 72	84 67	85 65	86 62	83 68	82 70	80 70	84 66	83 69	83 64	82 61	83.4 69.9	
MANOA LYON ARBORETUM	MAX MIN	82 70	83 68	80 69	75 68	75 68	78 68	77 67	75 68	77 66	77 66	74 68	81 67	75 69	80 70	77 69	76 68	78 67	80 67	80 67	81 67	80 67	81 67	82 67	83 65	85 63	86 62	78 68	77 65	77 65	77 66	79 66	82 60	78.7 66.8
OPAEULA 870	MAX MIN	82 66	82 65	80 69	76 66	80 67	82 69	80 68	80 68	80 68	80 68	80 69	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	80 68	79.7 67.3	
PRI WAIKANA 820.2	MAX MIN	84 67	85 66	82 68	81 70	82 68	83 67	82 66	80 65	83 64	83 63	82 63	76 63	83 66	80 66	82 66	81 65	83 66	82 65	79 64	82 65	82 65	83 65	83 65	86 65	84 62	81 65	82 68	81 66	82 66	81 60	84 60	82.1 65.0	
WAIKALEE 896.3	MAX MIN	82 73	82 73	82 71	83 72	82 73	82 74	82 71	79 72	81 70	81 72	79 73	81 73	80 73	81 73	81 73	80 75	80 75	81 72	81 72	81 73	81 72	81 73	81 72	81 73	81 72	81 73	81 72	81 73	81 72	81 73	81 72	81 73	81.1 71.7
WAIKALEA 847	MAX MIN	86 65	84 65	85 66	85 67	86 72	85 66	85 66	85 66	83 63	84 63	86 62	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85 63	84 63	85.4 65.4	
WAIKIKI 717.2	MAX MIN	87 70	87 71	87 72	86 71	87 72	87 71	86 72	86 71	87 72	86 71	85 70	87 71	86 72	83 70	87 74	87 72	86 71	86 72	86 71	86 72	86 71	86 72	86 71	86 72	86 71	86 72	86 71	86 72	86 71	86 72	86 71	86 72	85.5 70.5
WAIMANALO EXP FARM	MAX MIN	85 73	86 72	84 73	83 72	84 72	83 72	83 71	83 71	83 73	84 73	83 73	83 72	82 74	80 74	83 74	83 73	83 72	83 73	83 72	83 73	83 72	83 73	83 72	83 73	83 72	83 73	83 72	83 73	83 72	83 73	83 72	83 73	83.2 71.3
■ ■ ■																																		
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN	87 71	86 68	86 68	85 68	85 68	85 69	85 69	85 75	85 75	86 73	82 72	84 68	86 71	84 78	85 73	87 75	84 70	87 70	83 74	86 75	86 68	86 68	85 68	85 66	85 66	85 68	84 68	80 68	85 68	83 67	84 61	85 69	85.1 70.3
■ ■ ■																																		
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN	75 67	74 67	73 67				75 66	76 65	75 67	76 66	75 65		75 67	74 68	77 68	74 66	74 67		73 65	74 65	77 67	77 63	78 67					77 64	76 65	71 65	70 61	71 60	74.7 65.5
■ ■ ■																																		
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	67 49	65 50	66 49	67 45	69 42	68 49	64 51	64 43	64 42	66 43	67 49	68 47	66 42	62 49	69 48	71 52	70 46	65 45	61 41	61 43	65 44	68 44	61 43	64 48	65 49	72 43	70 53	70 52	64 44	64 41	62 42	66.0 46.1	
HALEAKALA SUMMIT 338.4	MAX MIN																																	
MANA AIRPORT 355	MAX MIN	82 68	83 69	80 72	79 69	80 70	81 70	81 71	79 70	82 71	82 70	81 70	81 71	78 69	80 70	81 72	81 69	77 68	80 71	81 69	82 69	80 68	83 68	83 70	83 70	81 73	81 69	84 69	80 69	80 67	81 67	82 70	80.9 69.6	
KAANAPALI AP 453.1	MAX MIN																																	
KAHULUI WSO 398 AP	MAX MIN	83 70	82 71	83 72	81 67	84 70	83 70	82 70	83 72	87 68	81 70	82 71	79 70	79 70	86 70	84 73	82 70	83 70	84 71	86 70	84 65	84 65	83 64	86 61	86 69	84 71	83 69	82 69	81 70	83 69	85 60	84 61	83.2 68.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
OCTOBER 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAILUA 446	MAX MIN	78 65	80 71	73 66			78 66	75 68	75 67	78 67	78 66			75 67	75 67	78 67	77 67	72 67			77 66	77 68	75 64	77 64	81 70			77 67	76 66	75 64	75 65	78 62	76.5 66.4	
KEAWAKAPU BEACH 260.2	MAX MIN																																	
KULA SANATORIUM 267	MAX MIN	74 57	74 58	75 60	74 60	71 58	74 58	75 59	76 58	73 59	73 58	71 59	69 62	68 62	71 61	72 62	71 57	78 58	76 58	74 56	79 57	72 61	73 57	72 58	73 60	73 57	74 57	73 56	72 57	73 55	73 54	76 55	73.3 58.2	
LAHAINA 361	MAX MIN	90 67	90 70	88 71	89 69	90 68	86 71	84 72	87 68	86 67	84 68	85 71	80 71	82 72	88 69	88 69	89 67	86 68	87 68	88 68	88 69	85 69	87 68	87 67	88 71	88 68	88 66	88 68	88 66	84 65	85 66	88 64	86.7 68.5	
WAILUKU 386	MAX MIN	81 71	81 71	81 71			81 71	80 72	80 71	80 72	84 72			80 71	78 72	83 73	81 70	78 70				83 68	80 71	80 68	82 68	84 71			83 70	80 70	79 68	80 66	82 65	80.9 70.1
■ ■ ■																																		
ISLAND OF HAWAII																																		
HAWAII VOLCNS NP HQ 54	MAX MIN	70 53	73 57	71 56	66 55	69 51	70 55	71 56	64 54	70 55	67 51	71 53	70 54	65 53	66 54	73 58	64 52	66 53	67 51	62 53	72 54	68 51	69 51	72 57	72 58	65 53	71 52	64 54	69 52	67 52	67 49	74 51	68.5 53.5	
HILO WSO 87 AP	MAX MIN	83 65	85 67	81 69	82 69	83 68	82 69	83 70	80 68	82 69	83 67	81 68	79 68	80 67	82 67	81 70	79 67	83 69	81 68	81 67	82 66	82 65	83 68	82 70	81 68	81 68	80 67	80 68	81 66	83 66	80 67	81.5 67.8		
KAINALIU 73.2	MAX MIN	81 63	81 63	81 65	75 64	76 64	76 64	78 63	79 64	79 62	78 63	77 63	77 63	72 63	75 62	78 64	77 63	77 61	78 61	80 62	79 63	77 61	78 60	76 62	79 64	79 65	77 62	70 63	79 62	77 60	76 60	78 60	77.5 62.5	
KAMUELA 192.2	MAX MIN	71 47	75 44	70 41	73 41	73 41	73 41	76 43	72 42	73 42	74 43	74 45	74 45	74 44	75 43	70 42	71 40	71 42	78 42	76 44	72 43	76 45	78 46	78 49	78 48	78 46	77 45	77 45	76 44	75 43	77 34	77 34	74.6 42.6	
KEAAU 92	MAX MIN	81 62	82 64	82 66	79 67	81 66	81 66	81 67	80 67	79 68	80 66	80 65	80 67	78 66	79 65	80 66	78 66	78 66	79 66	80 64	78 65	78 65	81 63	80 63	82 66	79 66	79 65	79 65	78 66	80 64	79 66	80 66	79.7 65.3	
KOHALA MISSION 175.1	MAX MIN	81 69	82 70	78 68	79 69	79 69	80 68	79 69	78 67	80 67	80 67	79 70	79 70	76 70	78 70	80 69	79 68	74 66	78 65	78 66	79 67	79 64	80 66	83 71	79 71	78 65	78 67	77 66	79 67	78 63	80 65	78.9 67.6		
KONA (KAILUA) 68.3	MAX MIN	85 72	83 70	80 71	81 71	82 71	85 71	85 73	84 70	84 71				85 72	81 71	84 72	82 71	83 70				86 68	85 69	84 69	84 70	86 70			86 69	84 68	84 68		83.8 70.4	
KULANI CAMP 79	MAX MIN	65 47	67 51	67 45	64 51	64 48	65 45	65 50	61 48	63 51	60 45	63 49	63 49	64 46	61 48	66 55	62 46	62 50	61 49	61 50	63 49	64 46	64 48	62 54	67 54	68 48	66 45	61 46	63 48	63 49	61 45	65 45	63.6 48.2	
MAUNA LOA SLOPE OBS	MAX MIN	60 41	59 41	60 43	58 42	56 41	59 40	55 37	52 35	51 34	53 37	55 39	45 38	48 37	52 38	57 40	55 41	54 38	49 34	43 31	47 33	47 34	48 36	50 37	54 38	58 41	57 39	55 36	53 37	53 40	52 36	51 35	53.1 37.7	
MOUNTAIN VIEW 91	MAX MIN	79 59	79 59	80 60	78 61	78 61	78 61	77 64	72 62	77 63	76 60	77 60	77 60	77 60	75 61	77 61	73 60	71 60	75 60	75 60	73 58	78 58	76 59	78 65	76 61	76 61	76 61	74 62	76 60	76 57	77 60	76.2 60.5		
NAALEHU 14	MAX MIN	83 69	84 65	80 63			85 67	85 69	79 66	83 68	84 68			84 68	79 69	84 64	79 65	82 69				83 67	81 68	83 68	81 68	80 68			83 64	82 66	78 68	81 68	81.9 67.2	
OOKALA 223	MAX MIN	80 67	80 68	81 70	81 69	82 69	81 67	80 68	79 68	78 67	79 67	80 66	80 66	77 68	72 63	80 69	79 68	76 67	79 66	78 66	79 66	77 66	79 65	79 65	81 69	80 70	78 72	77 67	77 67	79 65	78 64	77 64	78.8 67.0	
OPIHIHALE 2 24.1	MAX MIN	78 60	80 62	78 64	78 65	77 63	81 60	84 58	77 64	82 64	81 62	78 63	75 63	75 61	80 62	76 62	78 60	82 60	77 53	81 59	80 60	79 59	77 60	80 63	82 60	79 61	75 58	79 63	80 59	79 60	81 58	81 60	79.0 60.8	
PAHALA 21	MAX MIN	81 59	81 63	80 65			81 63	82 58	80 64	83 64	80 62			81 63	79 64	82 67	78 60	83 61				83 63	79 63	81 64	79 67	78 63			85 61	80 62	77 60	78 61	80.4 62.9	
PUAKO 95.1	MAX MIN	88 72	88 72	86 73	87 73	84 71	87 71	86 70	86 69	86 68	86 73	85 73	81 73	81 71	83 75	88 72	87 73	85 71	83 68	84 69	85 70	85 66	81 68	84 71	84 72	84 71	83 68	84 69	82 70	84 66	82 65	84.7 70.4		
UPOLU POINT USCG 159.2	MAX MIN	84 71	84 73	84 70	84 71	84 70	83 70	82 62	82 71	82 69	83 71	83 71	83 68	82 71	83 70	81 70	83 68	79 69	81 67	80 67	84 68	84 69	82 71	83 71	82 72	82 68	82 68	81 69	82 69	82 69	83 69	82.5 69.4		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
OCTOBER
1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
■ ■ ■																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND	MAX MIN	87 74	87 76	87 76	87 76	87 74	86 76	87 76	86 75	86 76	86 75		87 73	86 75	86 75	86 75	87 71	86 73	86 75	87 73	86 76	86 75	86 75	87 76	86 76		87 72	87 76	86 75	86 75	86.4 74.9			
JOHNSTON WSO AP	MAX MIN	84 78	84 79	83 79	87 77	84 78	84 75	84 78	83 75	83 78	83 74	83 73	84 78	83 78	82 73	83 76	83 73	83 76	83 73	83 78	83 76	83 76	83 76	84 74	83 74	83 77	83 74	83 77	82 78	84 78	83 75	82 75	83.2 76.1	
LEONE	MAX MIN																																	
FRENCH FRIGATE SHOALS	MAX MIN	86 74	89 72	86 73	84 75	84 71	84 74	84 73	83 73	83 74	87 75	84 73	82 75	83 73	84 74	84 75	84 73	85 73	84 72	83 74	84 74	85 72	86 76	87 72	86 69	81 71	82 74	82 72	83 72	85 72	84 73	84 73	84.3 74.1	
MIDWAY SAND ISLAND	MAX MIN																																	
PAGO PAGO WSO AP	MAX MIN	84 74	84 77	85 79	85 79	85 76	85 76	86 77	85 78	85 77	84 74	85 73	84 74	86 72	85 69	86 70	87 76	87 79	86 78	86 79	86 79	86 79	86 77	88 79	88 79	86 77	87 74	87 72	87 75	88 78	89 80	88 77	86 78	86.0 76.2
SWAINS ISLAND	MAX MIN																																	
■ ■ ■																																		
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM	MAX MIN	81 77	85 78	85 76	85 77	84 78	86 77	85 77	84 77	85 78	85 77	85 78	85 77	81 74	85 77	85 78	85 75	85 78	84 75	83 77	89 76	86 77	86 77	88 77	88 77	88 77	83 76	85 75	88 77	88 77	85 77	85.1 76.9		
CLARK AFB LUZON	MAX MIN	88 79	90 77	88 72	88 73	86 73	88 75	88 77	90 73	88 77	88 75	84 77	91 75	90 75	86 75	88 73	88 77	84 77	82 75	84 73	82 73	86 75	88 73	88 75	90 77	90 75	86 73	88 75	88 75	88 73	82 73	86.9 74.9		
GUAM NAS	MAX MIN																																	
GUAM WSMO	MAX MIN	85 74	87 75	85 72	87 74	84 73	86 71	85 72	84 74	85 72	85 75	86 72	86 71	82 71	84 74	85 73	85 69	86 69	85 70	87 71	87 74	85 74	86 72	86 73	86 71	87 65	86 70	83 72	85 72	85 72	85 70	85.3 72.2		
SAIPAN USCG LORAN	MAX MIN	83 75	88 76	88 75	88 75	88 76	88 76	88 76	88 77	88 76	88 75	88 75	88 74	87 73	86 76	88 77	88 74	88 74	88 74	87 74	89 78	88 77	88 75	88 77	88 74	88 75	88 71	88 76	87 73	88 76	87 75	88 75	87.6 75.3	
WAKE WSO AP	MAX MIN	88 76	84 70	87 75	88 77	87 76	89 76	88 77	89 77	88 77	88 74	88 74	88 77	89 78	87 73	87 78	88 77	89 77	89 77	88 76	89 77	89 76	89 77	89 76	89 75	89 74	88 75	89 75	88 74	86 76	83 73	87.8 75.8		
■ ■ ■																																		
CAROLINE AND MARSHALL ISLANDS																																		
ENIOMETOK	MAX MIN	85 78	86 82	82 78	85 82	85 78	85 83	88 78	88 84	88 76	89 82	85 76	85 81	87 78	87 78	89 81	89 78	90 80	88 80	84 80	85 80	87 75	87 77	87 76	86 79	86 78	85 77	83 75	83 75	86 80	85 80	86.3 78.8		
FALALOP I. ULITHI	MAX MIN	84 81	86 83	88 82	83 81	85 78	88 79	88 79	88 79	88 79	86 79	87 79	87 79	85 75	86 82	87 82	87 82	84 74	80 75	80 79	85 82	89 81	87 79	87 80	87 83	86 78	86 78	87 83	87 80	87 80	87 82	85.9 79.7		
KAPINGAMARANGI ATOLL	MAX MIN																																	
KOROR WSO	MAX MIN	87 75	89 75	91 74	83 74	89 76	90 76	84 75	87 75	89 76	86 76	89 73	85 76	91 75	88 75	90 76	89 76	82 76	82 74	89 77	90 77	89 77	89 76	89 75	89 75	89 76	89 76	89 75	89 76	89 75	90 76	90 76	88.1 75.5	
KWAJALEIN WSO AP	MAX MIN	85 76	85 75	85 77	86 73	84 76	85 75	86 74	85 76	86 76	83 74	86 76	83 76	87 76	84 79	82 76	85 77	85 77	84 75	86 77	86 77	85 77	86 79	86 77	86 77	81 76	83 77	81 74	86 78	86 77	86 76	84 75	84.7 75.8	
LELE I. KUSAIE	MAX MIN	87 72	87 71	85 75	85 75	84 73	85 74	85 73	88 76	88 74	86 73	88 72	92 78	85 77	85 74	86 79	88 80	90 76	86 79	87 78	87 75	86 76	86 76		86 74	86 73	85 73	88 77	89 78	89 77	86.9 75.2			
MAJURO WSO AP	MAX MIN	84 74	85 72	85 74	83 74	82 73	82 74	82 73	84 73	81 73	86 72	85 73	84 76	82 75	86 74	81 76	82 74	86 76	85 74	85 75	81 71	85 74	84 75	86 74	85 74	82 74	84 75	82 72	83 77	82 74	85 75	83.7 73.9		
METALANIM	MAX MIN	88 82	88 82	88 79	88 80	87 85	88 82	88 83	86 81	88 80	88 82	87 85	87 85	88 79	88 80	86 78	89 77	86 80	87 80	88 81	88 80	86 80	89 81	89 80	88 80	89 81	88 81	88 80	88 81	88 82	88 81	87.8 81.0		
PONAPE WSO	MAX MIN	90 73	87 73	82 73	89 73	80 72	84 70	89 72	88 72	85 72	84 70	85 72	89 72	80 76	80 71	90 72	90 73	86 73	89 71	87 72	87 73	87 73	86 74	89 72	89 71	89 71	85 72	89 71	85 71	88 75	88 74	87.0 72.2		
TRUK, MOEN I. WSO AP	MAX MIN	89 77	86 75	89 77	89 76	87 75	85 74	88 75	86 74	87 74	87 74	80 75	86 78	87 77	85 74	88 75	88 75	88 78	87 75	86 76	87 74	87 74	87 75	87 74	87 74	87 75	87 74	85 72	87 77	87 75	86.9 75.0			
WOLEAI ATOLL	MAX MIN			89 73	86 73	85 73	85 73	86 74	85 72	87 72	86 74	86 75	84 74	87 73	86 73	88 74	88 79	87 79	87 75	85 74	87 73	88 72	88 76	89 74	88 74	88 74	88 72	88 72	88 77	88 75	87.4 74.7			
YAP WSO AP	MAX MIN	88 77	88 73	89 75	86 72	88 73	85 74	87 74	88 74	88 74	88 77	88 75	88 75	82 72	86 73	87 74	87 73	86 74	84 74	88 75	88 75	88 75	88 74	88 73	88 76	88 73	88 72	88 73	88 75	88 75	88 74	87.0 74.1		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
OCTOBER 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.30	.35	.38	.34	.41	.35	.31	.16	.30	.42	.44	.30	.29	.37	.30	.43	.36	.38	.31	.27	.30	.25	.19	.26	.33	.34	.24	.30	.30	.30	.21	9.79
	WIND	142	181	254	240	260	236	280	227	239	225	208	186	131	182	208	239	243	249	260	222	123	93	97	123	261	284	251	224	183	187	93	6331
	MAX	88	87	84	84	85	83	83	79	84	84	84	85	84	86	86	86	86	84	80	81	84	84	86	86	88	87	87	88	82	83	86	84.7
	MIN	64	68	74	66	65	64	67	65	64	66	74	63	64	66	67	64	64	64	64	64	62	61	61	61	66	64	62	62	63	62	60	64.5
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.34	.30	.44	.30	.37	.37	.35	.30	.34	.40	.37	.30	.30	.18	.30	.45	.45	.22	.39	.31	.34	.32	.30	.28	.30	.30	.30	.31	.45	.25	.32	10.25
	WIND	28	28	40	38	45	48	44	31	32	35	28	22	21	17	30	37	40	49	42	26	26	33	24	20	42	42	41	35	25	22	29	1020
	MAX	90	89	88	88	89	85	88	85	87	90	87	87	85	79	84	87	87	85	97	88	86	86	90	89	85	83	83	87	84	83	86	86.7
	MIN	64	64	65	66	65	65	66	66	64	64	65	63	63	67	66	65	64	64	63	64	66	66	65	64	65	65	64	63	72	63	63	62

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
OCTOBER 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • • EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.40	.37	.42	.41	.34	.37	.38	.41	.32	.29	.32	.36	.29	.40	.30	.31	.36	.36	.34	.32	.30	.31	.29	.26	.27	.37	.35	.39	.34	.37	.32	10.64
	WIND	237	236	247	231	183	215	236	209	227	231	263	249	206	204	248	252	223	255	228	205	149	103	98	88	177	220	309	258	209	206	214	6616
	MAX	85	84	85	86	86	87	86	86	87	81	83	86	87	86	81	86	87	84	87	87	88	90	91	89	91	85	84	85	87	89	84	86.2
	MIN	70	70	69	70	70	69	70	69	70	70	69	71	70	69	70	72	69	70	69	69	70	69	69	69	71	71	71	71	69	69	70	69.8
• • • WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.06	.13	.32	.15	.10	.15	.29	.00	.31	.16	.23	.20	.29	.16	.18	.22	.11	.10	.11	.18	.17	.27	.18	.22	.14	.23	.24	.28	.15	.12	.19	5.70
	WIND	84	100	111	65	55	81	110	39	168	120	113	73	83	91	99	91	49	13	45	53	91	93	78	92	40	15	19	26	33	58	83	2271
	MAX	83	90	88	89	85	89	86	84	84	85	87	90	85	81	83	87	89	83	86	91	86	90	89	90	91	88	83	81	84	86	87	86.5
	MIN	71	71	70	71	71	70	70	70	70	70	71	70	69	69	71	70	69	69	69	70	71	71	69	70	70	70	70	70	69	70	70	70.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEEE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMER	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMER	3	22 08	159 40	3600	7A	7A		C	KANA' OHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPPA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMER	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMER	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMER	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A				U S COAST GUARD
MAKAHELI 965	A 5864	03	WAIMER	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMER	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMER	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMER	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMER	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMER	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMER	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMER 947	9629	03	WAIMER	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIHAOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEONE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C	SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIHAOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIHAOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHAOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHAOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAIULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONANU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOHU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUWALA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAGA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMADA NO 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A			MRS GENEVIEVE T ARRUDA
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEARU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A 4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A 4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAKAHALAU 103		5761	02 HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03 KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02 HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05 HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04 N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01 N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03 KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91		6552	02 PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03 KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A	6697	04 S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01 N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02 N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04 S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02 PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAUHAU 217		7204	01 HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAUULO 221		7312	01 HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03 KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02 PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03 KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIIKOU 144.1		7711	02 S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIIKOU MAUKA 140.1		7721	02 S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02 S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6		8058	01 HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A	8063	02 HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05 KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01 HAMAKUA	1	19 54	155 24	7750		MO			KUKAIIAU RANCH CO
PUU LAU 102.1	A	8452	05 HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04 N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01 HAMAKUA	1	19 55	155 26	6960		MO			KUKAIIAU RANCH CO
PUU OO 82	A	8550	02 S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05 N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02 S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03 KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118		8780	01 HAMAKUA	1	19 59	155 23	3420		7A			KUKAIIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01 N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2		9025	02 S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8		9142	04 HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6		9350	01 N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
■ GUAM NAS	R 4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R 4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

$$N(\mu, \sigma^2) = N(\mu, \sigma^2) \quad \text{with } \mu = 0, \sigma^2 = 1, \text{ and } \mu, \sigma^2 \text{ standard normals based on the period 1941-1970.}$$

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- + Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing: if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

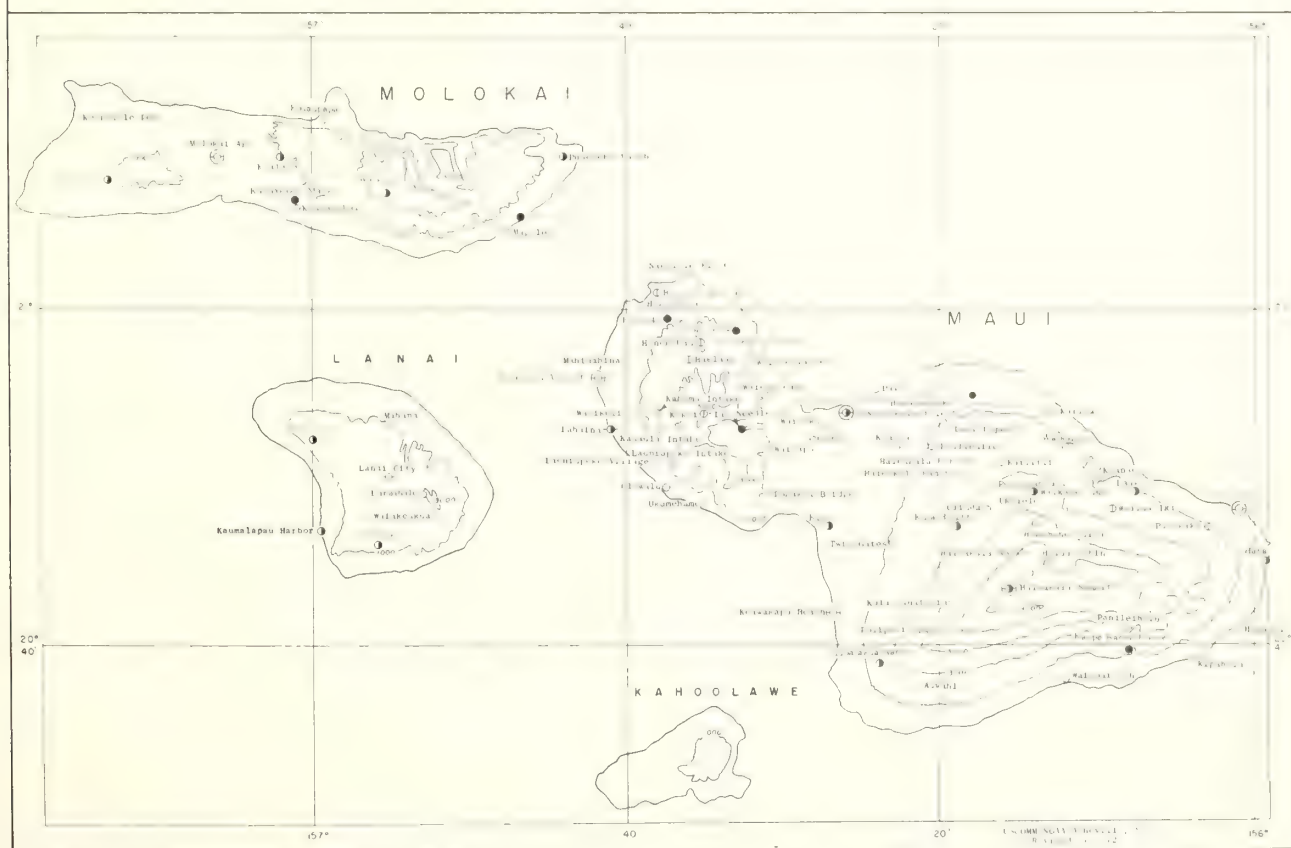
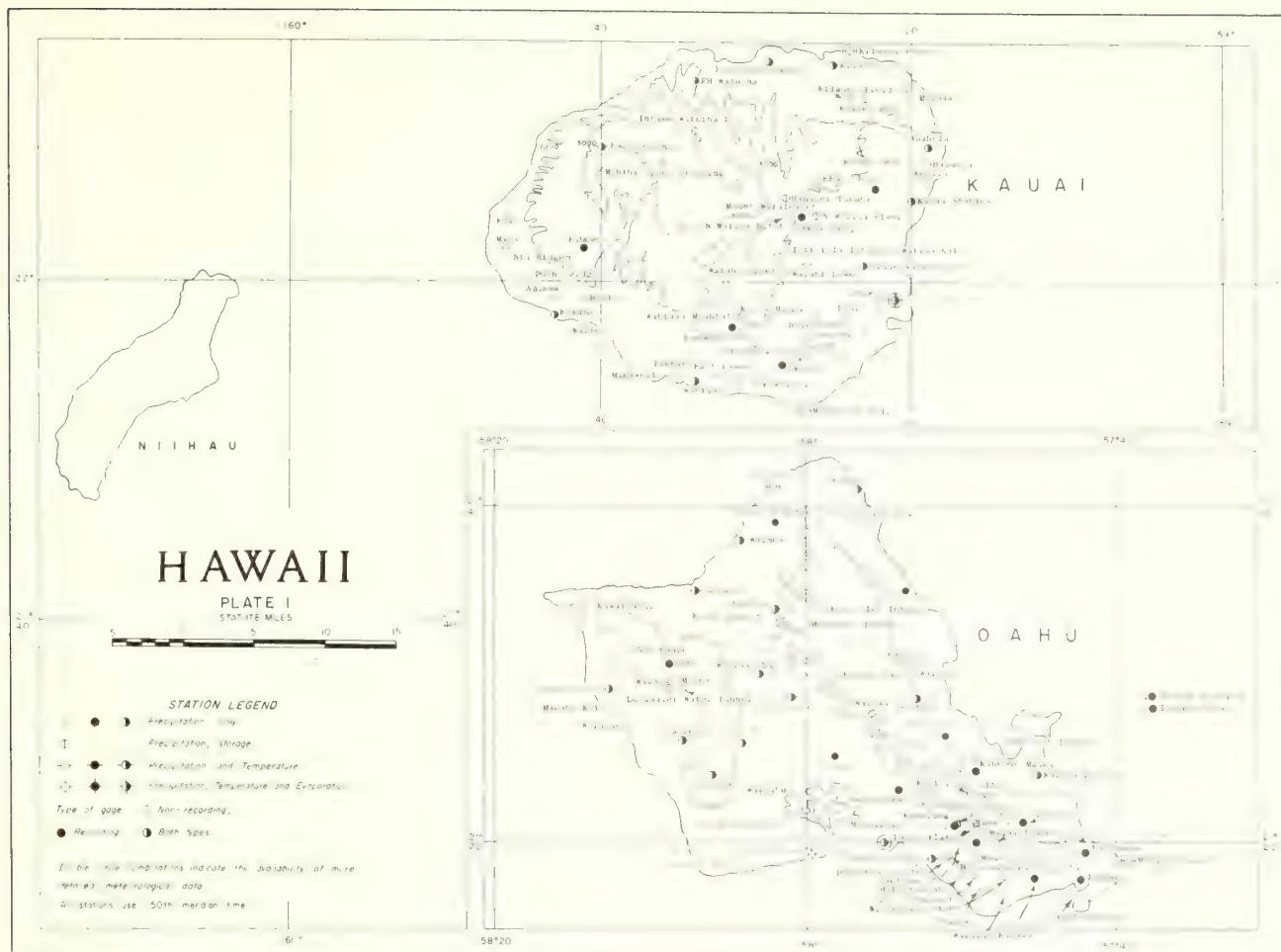
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

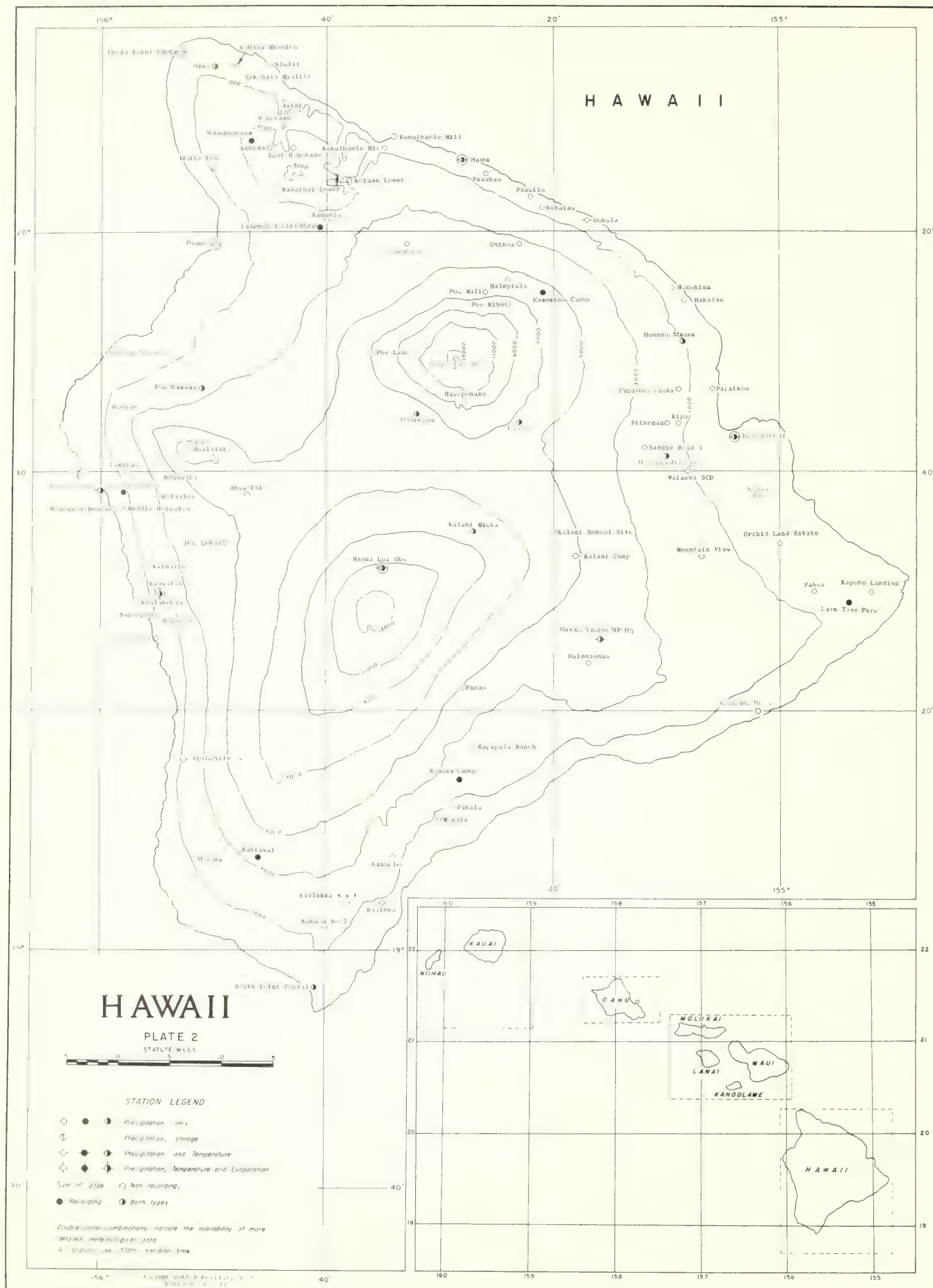
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

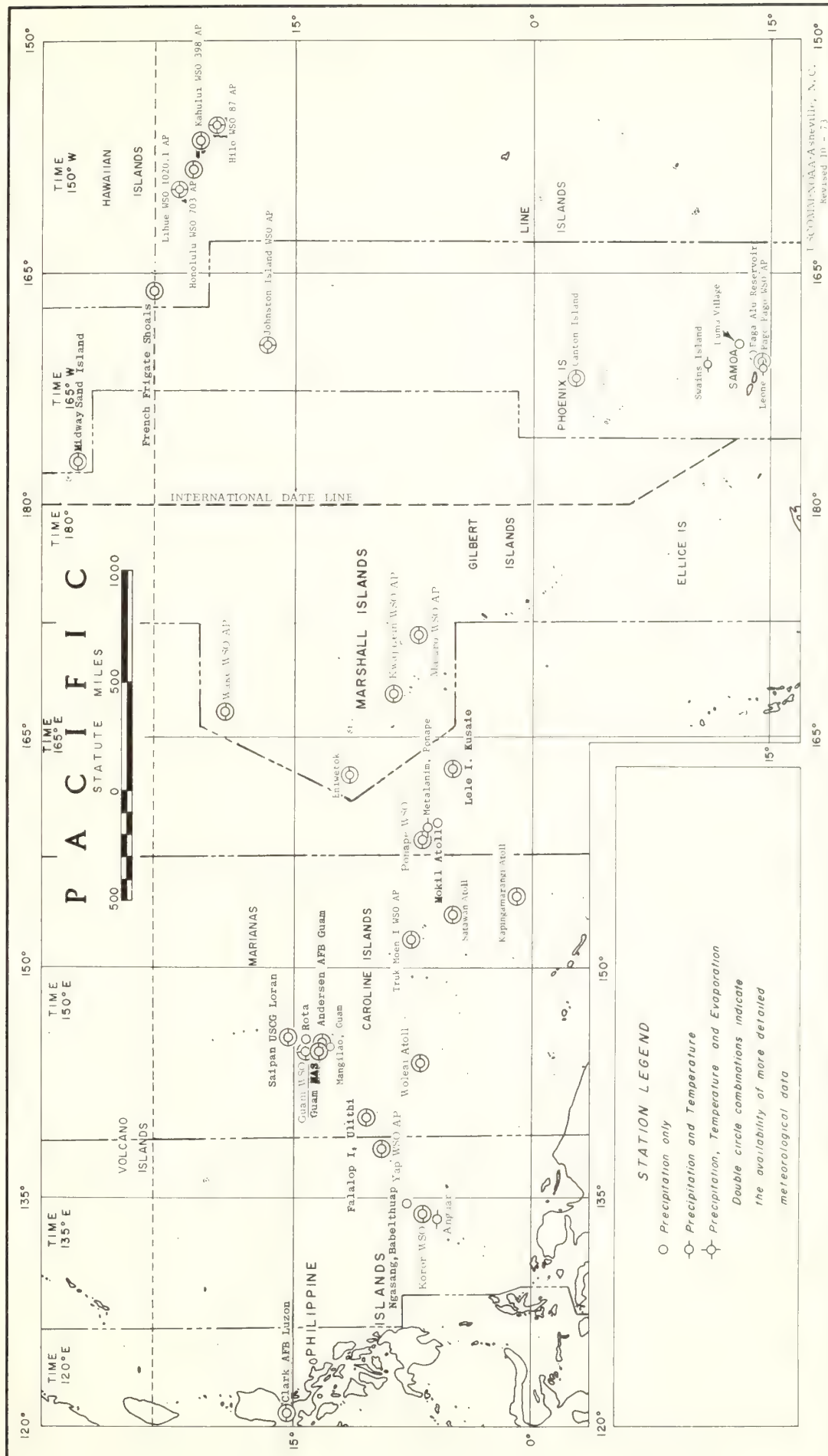
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

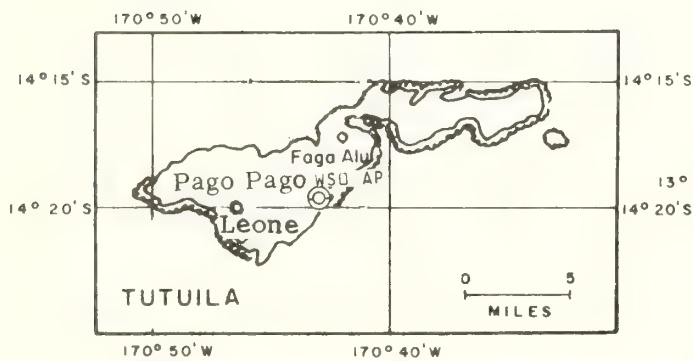
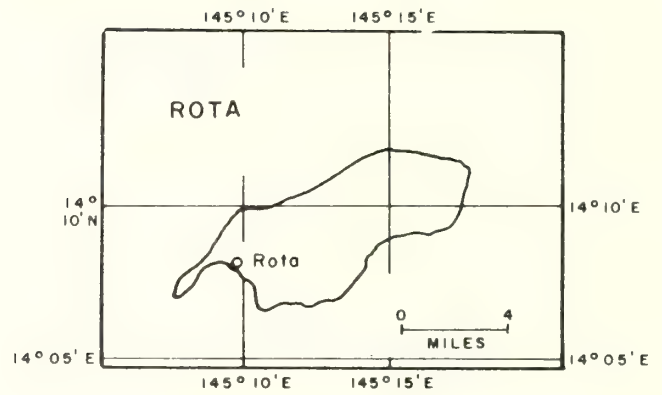
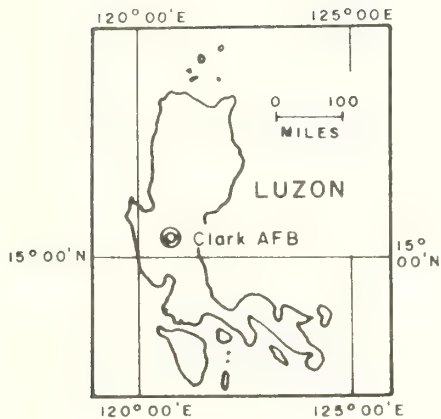
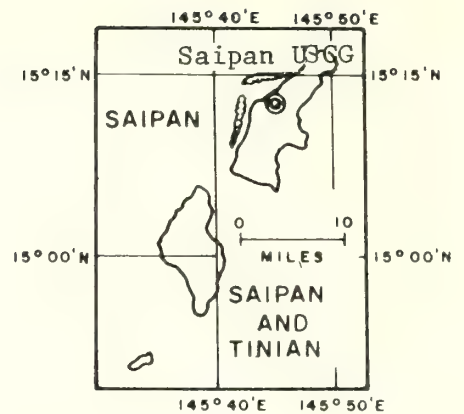
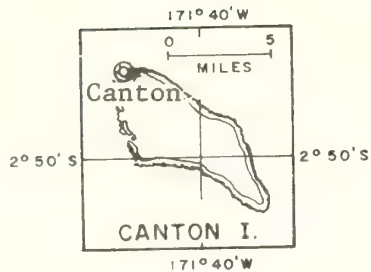
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

Thomas P Potter
Director, National Climatic Center

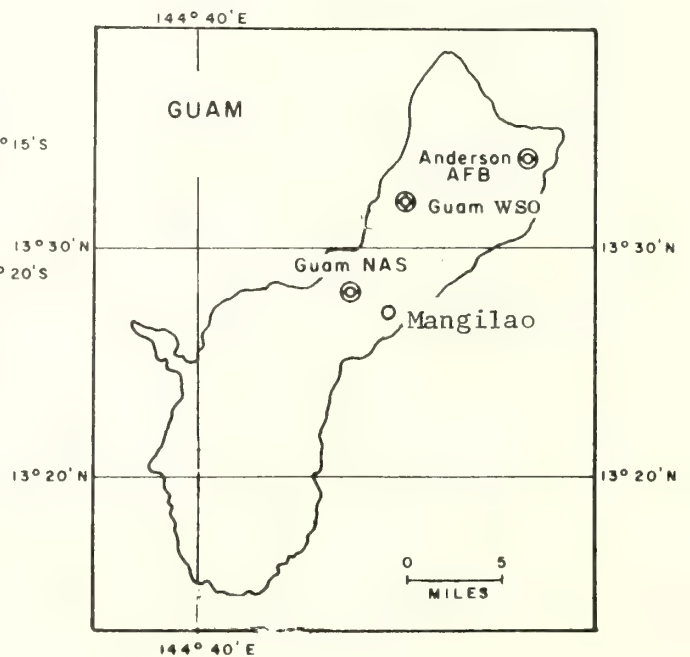


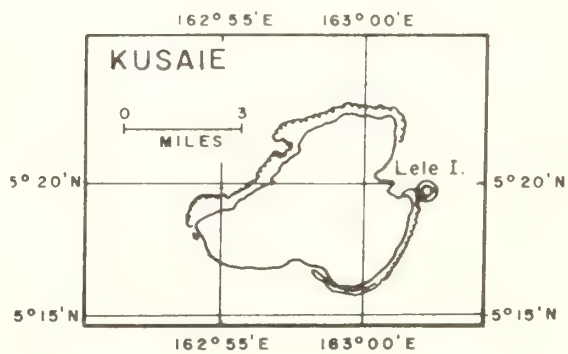
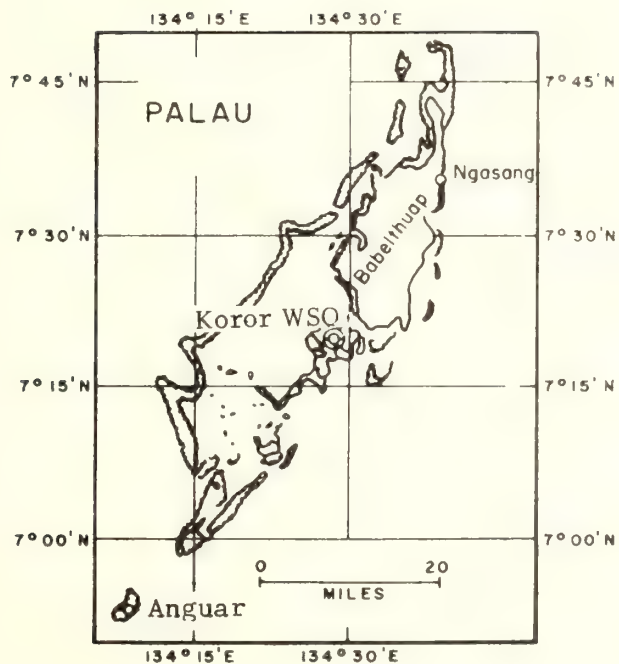
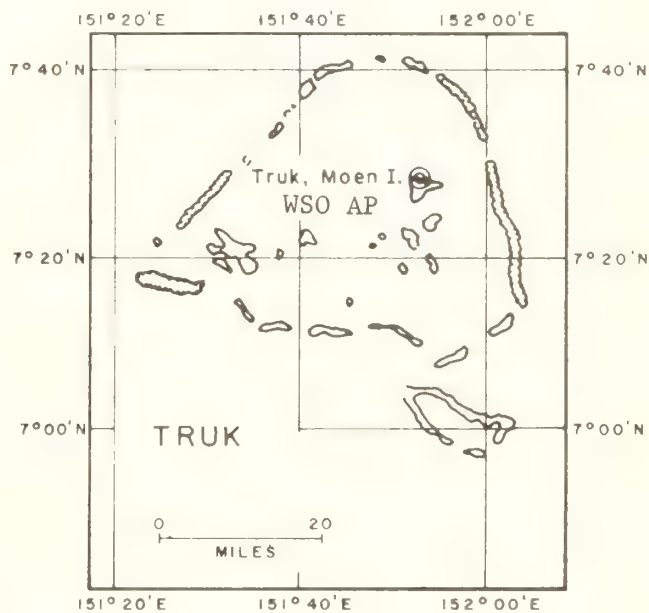
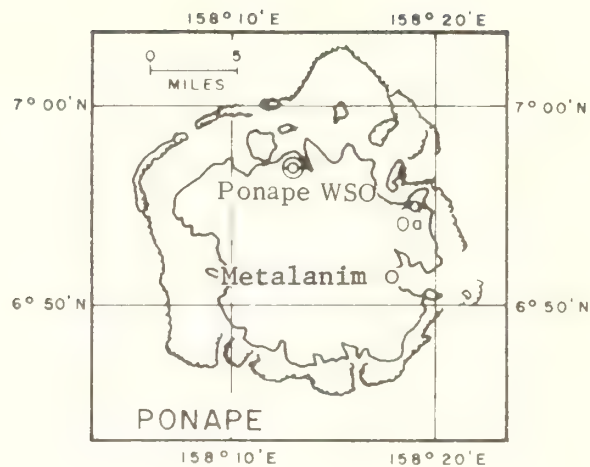
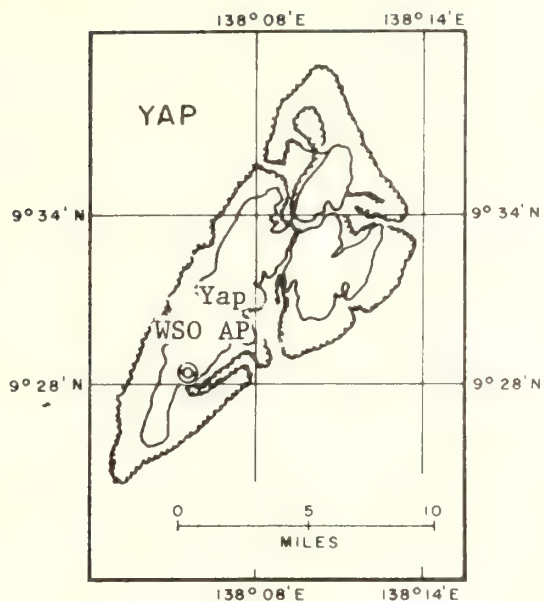




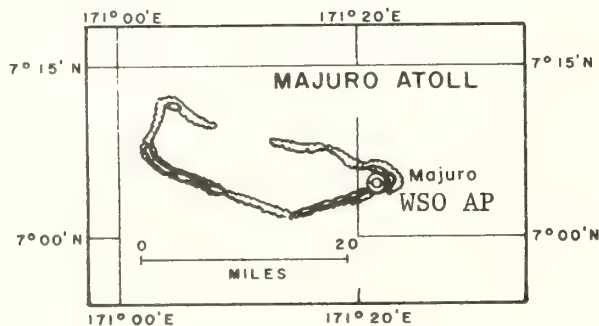
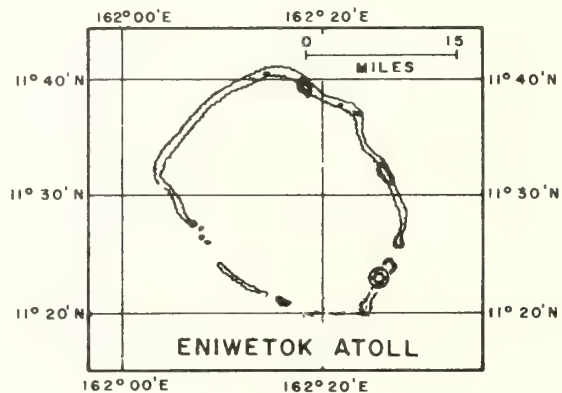
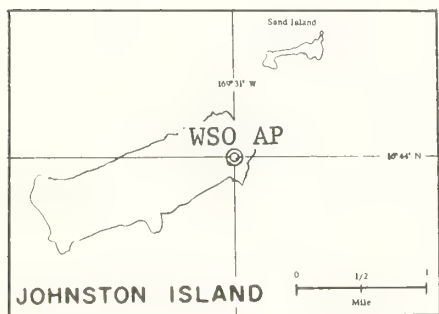
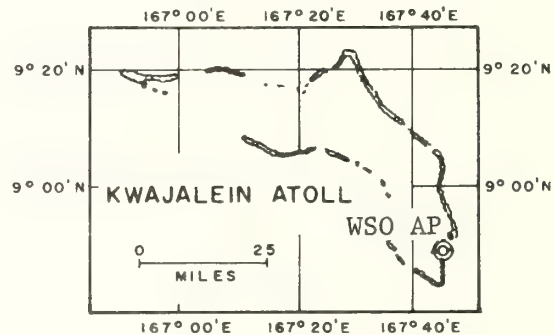
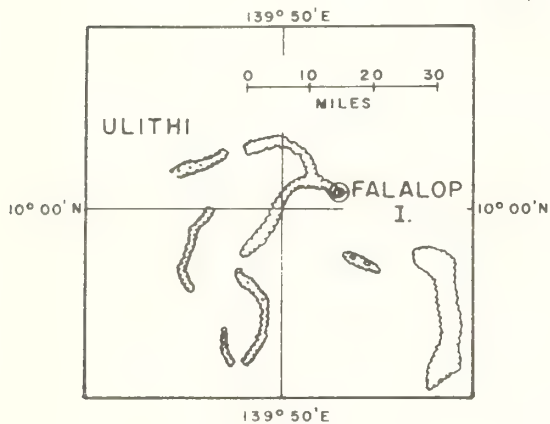
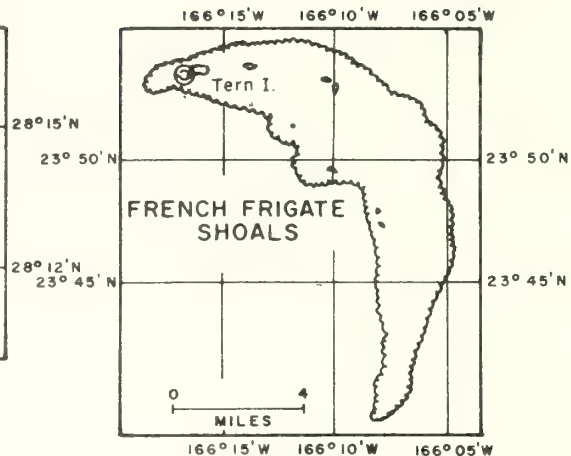
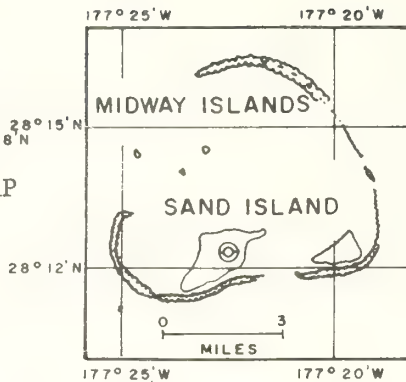
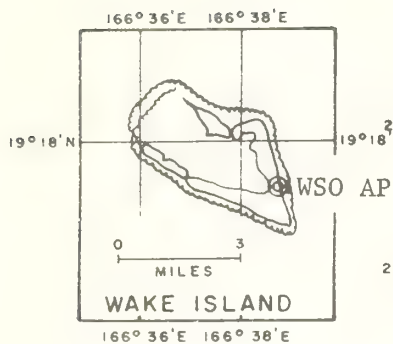


Reef





— Reef



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THIRD CLASS



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		TEMPERATURE											PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
											30° OR ABOVE	32° OR ABOVE	32° OR BELOW	32° OR BELOW										
HAWAII																								
KONA (KAILUA) 68.3	A	M	M	M							0	0	0	0	1.54		1.48	25	.0	0		1	1	1
KUKUIHAELE HIC 199															3.08	- 3.42	.86	20	.0	0		8	1	0
KULANI CAMP 79		63.5	45.8	54.7		72	3	38	15+		0	0	0	0	6.57		1.39	24	.0	0		12	6	2
PAHALA 21	A	M	M	M							0	0	0	0	6.42		3.08	25	.0	0				
POHAKULOA 107	A														1.92		1.68	28	.0	0		2	1	1
PURAO 95.1	A	82.6	67.6	75.1		86	21	63	30+		0	0	0	0	.45		.43	25	.0	0		1	0	0
PUU WAHAA 94.1	A														.64	- 5.81	.36	25	.0	0			0	0
UMIKOA 118															1.30		.53	20	.0	0			1	0
WAIKOA SCD 88.2															14.32		2.95	20	.0	0		18	9	5
ISLAND				67.5											6.32				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC

NOVEMBER 1975

STATION	TOTAL	DAY OF MONTH																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																			
ISLAND OF KAUAI																																			
ANAHOLA 1114	A	4.19	x	x	.11	.02	.01	.35	.25	x	.50	.10	.05																						
BYDESWOOD STA 885	A	5.90	x	x	.02	.01	.01	.45	.06	x	1.10	.24	.17	.01																					
EAST LAHAI 834	A	5.23	x	x	.04	.04	.40	.40	.22	x	.78	.25	.10	.02																					
ELEELE 927	A	2.64							.01	x	.24	.05	.06																						
HALEKULA 1110	A	4.30	x	x	.14	.02	.02	.25	.10	x	.35	.15	.05																						
HALENAHANA 1006	A	7.51	x	x	.10	.09	.32	.16	x		.84	.32	.39																						
HUKIPU 945	A	3.54						.02																											
ILILIULA INTAKE 1050	A	15.41	x	x	.05	.21	.03	.20	.42	x	3.00	.94	.61																						
INTAKE WAHIAHA PC 1086	A	0.06																																	
KAAHULUULU 1075	A	12.51	.04	.02		.39	.22	.02	.07	.15	.08	.05	.02																						
KANEHA RESERVOIR 1092	A	8.56	x	x	x	.08	.10	.90	.30	x	.20	.30	.15	.15																					
KAPAA STABLES 1104	A	4.02	x	x	.12	.01	.02	.50	.23	x	.33	.29	.15	.03																					
KELIA 1112	A	3.91	x	x	.06	.04	.05	.28	.18	x	.23	.15	.06	.02																					
KEKAMA 944	A	2.86						.02																											
KILAUER 1134	A	6.69			.30	.02	.57	.15			.86	.30	.15																						
KILAUER POINT 1133	A	5.22	.06	.17		.02	.40	.08	.17	.22	.05	.18	.03	.01																					
KOLA 1033	A	2.35				.06		.03																											
KOLA 936	A	5.40	x	x	.06	.09	.50	.24	x		.69	.21	.28	.04																					
KOLA WAHIA 994	A	5.98	x	x		.27	x				2.42	x		x	x																				
KOLKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KUKULUA 935	A	3.80	x	x	.02	.03	.07	.01	x		.37	.10	.07	.01																					
LIHUE VARIETY STA	A	8.40	x	x	.14	.14	.04	.54	.02	x	.68	.09	.11	.04																					
LIHUE 1020	A	4.25	x	x	.15	.03	.17	.10	x		.40	.10	.04	.03																					
LIHUE WSO 1020.1 AP	A	5.34	.06	.11	.12	.04	.10	.12	.11	.02	.10	.04	.03	.05																					
MAKAHUA POINT 940.1	A	5.95			.04	.03		.06			.03	.07	.02																						
MAKALEI 965	A	3.14			.01		.04	.01	.01	.04	.02	.03	.02																						
MAHA 1026	A	2.95																																	
MAHINI UPPER CROSS 1083	A	6.73			.27	.12		.72			.23		.14	.04																					
MALOA 1145	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MOUNT MAHALEALE 1047	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MTU RIDGE 1035	A	3.24																																	
N. WAHIA DITCH 1051	A	14.83	x	x	.15	.25	.03	.15	.25	x	2.66	.56	.24	.03																					
PR. WAHIAH 1115	A	5.40	x	x	.08	.48	.02	.84	.02	x	.95	.10	.21																						
PRINCETON RANCH 1117	A	3.78	x	x	.21	.05	.65	.15			1.25	.29	.11																						
PUEHU RIDGE 1040	A	4.98						.15			.02																								
PUMI 1013	A	4.84	x	x	.02	.08	.11	.01	x		.11	.15	.09																						
WAHIAHA 930	A	2.91				.15	.01	x			.20	.04	.01																						
WAHIAH LOWER 1054	A	10.85	.02	.12	.01	.08	1.24	.22	.32	.63	.18	.30	.18	.01																					
WAHIAH UPPER 1052	A	15.48	.09	.16	.01	.18	.04	2.09	.35	.49	.75	.21	.92	.58	.04																				
WAHIAH 943	A	2.50																																	
WAHIAH KAI 1065	A	4.21	x	x	.16	.09	.33	.07	x		.41	.18	.09	.06																					
WAHIAH 947	A	3.79	x	x		.05	.05	.13	.05		.27	.12	.05																						
WEST LAHAI 931	A	3.60	x	x	.03	.01	.18	.06	x		.27	.12	.05																						
ISLAND OF OAHU																																			
ALPHA STADIUM-WAHIAH	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BETANANIA PUMP/ING STA	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
B. Y. U. LAIE 803.1	A	10.86	x	x	.07	.03	.01	.04	.04	x	.03	.02	.02																						
CAMPBELL INO PR 702.5	A	10.71	.06			.34	.06	.02	.01	.03	.05	.12	.10	.04																					
CAMP 84 807	A	9.48	x	x		x	x	.02	x		.16	x	x	.02	x																				
COCOAUT ISLAND 840.1	A	13.16	x	x	.06	x	x	.06	x	x	.16	x	x	.02	x																				
COCONUT ISLAND 840.1	A	11.51	x	x	.01	.11	.01	.03	.07	x	.12	.03	.02																						
EUA PLANTATION 741	A	15.15	x	x	x	T	T	T	T	x	.02	.01																							
HELEMANIA INTAKE 881	A	15.15	x	x	x	T	T	T	T	x	.02	.01																							
HOKULU 725.2	A	8.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HONOLULU OBSERV 702.2	A	8.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HONOLULU WSO 703 AP	A	11.54	T		.02	.01	T	.04	.03	T	T	T	T	T																					
HONOLULU SUBSTA 704	A	9.44	x	x		.05	.01	.05	.05	.03	.13																								
H. S. P. A EXP STA 707	A	11.02	x	x	x	.07	.05	.13	.09	.17	.05	.01	.03																						
KENA POINT 841.3	A	26.87	x	x	2.03	x	x	x	x	x	3.24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
KAHANA 883	A	9.52	x	x	.01	.01	.02	.10	.08	T	.02	.11	.02	.01	.02	.02	.01	.01	.10	.02	.05	.01													
KALINAI RES SITE 777	A	17.18	.12	x	.12	.18	.12	.06	.32	.30	.24	.22	.04	.10	.1																				

HAWAII AND PACIFIC
NOVEMBER 1975

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KEAU 92	16.12	.23				.01		.27	.28	.60	.48	.28	.46	.01	.01		.09	.25			4.20	1.24	.31	.04	.82	2.45	1.76	1.39	.76	.15	.03	
KIDAKAA A & F 6	7.28	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KIPA 89.2	12.32	x	x	.31		.02		.09	x	x	2.00	15	1.44	.01	.06	x	x	1.92	.02		3.30	1.20	x	x	.88	.57	.35	x	x	x	x	
KOHALA MISSION 175.1	5.61	.03	x	x				T	.36		.26	.04	.84	T		.01	.19	.77	T		.11	2.15	.11	.02		.61	T	T	.02	.09		
KOIAHE LOWER 196	3.70	x	x	x	x	x	x	.05	x	x	x	x	x	x	.85	x	x	x	x	x	x	2.32	x	x	x	x	x	x	x	x	x	
KONA (KAILUA) 68.3	1.54										x	x	x	.06												1.48	x	x	x	x	x	
KONA VILLAGE 93.8	1.27											10													.87							
KUKAIUA 222	4.29					.05				.96	.81	.02	.66				.16	.03			1.17	.03	.02		.11	.22	T	.01	.03	.01		
KUKUHALE HIC 199	3.08	.06								.32	.33	.25				.02	.23	.35			.86	.08	.05	x	.05	.28	.05		.10	.05		
KUKUHALE HILL 206	1.84				.01						.30	.19				x	x	.32			.03	.65	.01	x	.15	.18	x	x	x	x	x	
KULANI CAMP 79	6.57							.05	.21	.43	.02	.17	.18				.28	.04			.54	.56	.03	.03	1.39	1.02	.30	.52	.56	.07	.07	
KULANI MAUKA 75	1.50									.08	.07	x	.02		x	x	.87	x	x	x	.28	x		.70	.11	.02	.20	.02				
KULANI SCHOOL SITE 78	5.39	.32	x	x	x	x	x	x	.28	x	x	x	x	x	x	.87	x	x	x	x	x	x	1.33	x	x	x	x	x	x	x	x	
LAKIHA 68.2	5.26																				.20			.03	1.42		.12		.95	1.90		
MAKAHALA 103	-																															
MAUKA 2	4.30										T		.30	.10			T	x	x	x	x	.40	x	x	1.40	1.10	.60	x	.40	x	x	
MAUKA KEA 885 111.2	.47																				.04	x	x	x	x	x	.01	.27	.10	.05		
MAUKA LBA SLOPE 885	1.36																								.77	.40	x	x	x	x	x	
MIDDLE MAUKA 68.1	.72	x	x	.05																	x	x	x	x	.67	x	x	x	x	x	x	
MIDDLE PEN 147.1	.55	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.55	x	x	x	
MAUKA 18	7.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOUNTAIN VIEW 91	14.14	.42	x	x		.07		.13	.37	.76	.61	.22	.71		.05		.23	.67	.03		2.60	.79	.38	.05	1.01	1.38	.43	1.79	1.23	.17	.04	
NAALEHU 14	4.35	x	x	.01							.04	x	x	x	.02	x	x	.67	.02	x	.55	.04	x	x	.96	2.00	.14	x	x	x	x	
NAROPPO 28	.69	x	x	.03													x	.02	x	x	x	x	x	x	.64	x	x	x	x	x	x	x
OKALA 223	5.84	.04			.04	.01				.52	.91	.02	.38				.49	.13	T		2.27	.24	.15	.02	.20	.24	.01	.01	.08	.08		
ORIHIALE 2 24.1	2.24	x	T	.03		.02	.01	T			.01	.16		T	.05		.07	.52	T	.01	T		x	.02	.74	T	T	.36	.12	.12	T	
OSCHID LAND EST 91.5	18.63	x	x	x				.35	x	x	x	x	x	x	2.19	x	x	x	x	x	x	4.79	x	x	x	x	x	x	x	x	x	
PAHAHA 217	3.00				.02	.01				.56	.17	.23					.23	.05		1.17	.11	.05	.07	.33								
PARULU 221	3.34				T	T				.74	.56	.01	.52	.02	T	x	.14	.01			.95	.03	.03	.09	.30			.02	.02	T	x	
PAHALA 21	6.42										.01						x	.01	.10		.27	.49	x	.72	1.30	3.48	.44	x	x	x	x	
PAHAHA 65	19.63	.35			.03	.05		.08	.36	.75	.62	.50	.35	.04			.26	.74			3.40	2.20	.47	.06	1.25	5.10	1.46	1.23	.20	.11	.02	
PAHAHA 37	9.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAIKU 144.1	x	x	x	.07	.01	.07		.03	x	x	1.46	.17	.36	x	x	x	x	1.00		.02	5.28	1.00	x	x	1.11	.50	.58	x	x	x	x	
PAPAIKU MAUKA 140.1	x	x	x	.19	.01	.01		.07	x	x	2.93	.31	.67	C5	x	x	x	2.35	.05		4.90	1.08	x	x	1.90	.62	.29	x	x	x	x	
PIIHANUA 89	15.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
POHAHA 220.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POHAHA 107	1.92																															
PUAKO 95.1	.45																															
PUU KIKE 120	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LAU 102.1	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LEHUA 73	3.46	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MALI 113	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MAHUA 94.1	64												.03				x	.09								.36	x	x	x	x	x	
SADDLE ROAD 1 84	12.82	x	x	x	x	x	77	x	x	x	x	x	x	3.20	x	x	x	x	x	x	4.00	x	x	x	x	x	x	x	x	x	x	
SOUTH POINT CORRAL 3	5.42	x	x	x	x	x	x	x	x	x	x	x	x	x	.60	x	x	x	x	x	.82	x	x	x	x	x	x	x	x	x	x	
UMIKOA 118	1.30							x	x	.06	.02			x			x	.20			.53	.03	x	x	.17	.22	.07					
UPOLU POINT USCG 159.2	1.67	T						.21		.02	.01	.01		.02			T	.02			.95	.06	T		.35			.41	.84	.01	T	
WAIKAEA SCO 88.2	14.32	.38	T		.04			.12	.32	1.29	.33	.12	1.11	T	.07	T	.08	1.34	.02	T	2.95	1.61	.11	.03	.75	.95	.41	.84	.69	.31	.25	
WAIKAEA-BOIS CAS 95.8	x										.01			T							T		x	x	.23							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1975

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PACIFIC																																	
E * * * EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	.08	.01							.04	T								T															
FAGA ALU RESERVOR	6.60							.50	.79	1.45	2.15	.58	.06	.24	.06	.30		1.10			.30			.50									
FALEASAO VILLAGE	10.89	.14	.06	.04	.05	.17	.24	.48	.79	1.45	.58	.06	.24	.06	.30	1.02	2.04	.04		.05	.50	.01	.02	.02		.04	2.46		1.75	.09	.22		
JOHNSTON WSO AP	1.13	T	T		T	T	.15	T	.06		T	T	.03	.01	.01	.01	T	T	T		.06	.05	.01	T	.30	.04	.12		.01	T	.27		
LEONE	11.04	.22				.57	.36	.16	2.23	1.70	.56	.31	.20	.45		3.08	.60										.10			.40	.10		
FRENCH FRIGATE SHOALS																																	
MIDWAY SAND ISLAND	-																																
PAGO PAGO WSO AP	7.69	.04	1.70	.04	.06	.02	.09	.38	1.19	.31			.29	.08	.17	1.61	.47	T			.02	T	.02		.02	.07	.39		.68	T		.04	
SWAIN ISLAND	-																																
E * * * WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	16.75	.09	.64			.10	.09	.17	.59	1.74	.50	.81	2.75	.53	.01	.02	.78	.28	1.12	3.52	2.33	T	.05	T	T			.27	.36	T	T		
CLARK AFB LUZON	1.57		.75	.60	.06	T								T	.05				T									T		.10	.01		
GUAM NAS	12.25	.10	.31	.10	.03	.12	.07	.10	.49	1.63	1.08	.68	.32	.39	.05	.06	.86	.22	.59	3.14	.99	.07	T	.10	.06	.07	.01	.27	.32	.02	T		
MANGILAO	17.24	.22	.40	.01		.30		.01	.48	.75	.32	2.25	1.00	.25	1.00	.09	.40	1.20	1.57	1.75	X	3.20	.13	.78	.01	.03	.58	.08	.10	.17	.16		
DATA																																	
SAIPAN USCG LABAN	-																																
WAKE WSO AP	2.82	.02	.09	.11	T	.01	.20		.02		T	.10	.19	.01	.20	.28	.07	T	T		.03		T	.32	.10	T	.03	T		.03	.96	.05	
E * * * CAROLINE AND MARSHALL ISLANDS																																	
ANGUAK	9.90		1.10			.50	.02			.44						1.00	.37	.07			1.04		.51				4.48		.24	.13			
ENIETAK	5.26	.05	.95	.62	.01	.07	.04		.10		.10	.33		.10	.06	1.09	T	.57	.49	.04	.18	.15							.21	.05			
FALALOP I. ULITHI	9.50	.12	.03			.06		.35	.02	.20	.07	.04		.42	.03	.18	.10	.37	.07	2.01	2.80	.15	.86	.85	.61	.03	.03	.05	.02	.08			
KAPINGAMARANGI ATOLL	5.51	.37				.27			.14		.65		.44	1.10	.30		1.30	.17	.18	.25	.30	.04											
KOROR WSO	11.18	.05	.19	.11	.57	.42		1.25	.60	.01						1.14	.60	.03	.04	.96	.95	.02		.01	.05	.10	1.76	2.52			.20		
KWAJALEIN MISSILE RNG	15.61	.20	1.83	.17	.18	T	T	.09	.03		.14	.41	.13	1.02	.87	.17	.05	.59	.15	.04	.74	.01	.70	.01	7.24	.08	.01		.01	T	.74		
LELE I. KUSAIE	-																																
MAJURO WSO AP	15.28	.79	.20	1.20	.26	.13	.53	T	.59	.05	.23	.31	.42	1.37	1.43	.27		.11	.59	.01	1.11	1.14	.03	1.00	3.26	T		.12	.02	.11			
METALANIN	21.93	2.00	2.50		.10	2.10	.45		.10		.70		1.43	3.16	.10	.85	1.38	.34	.38	.61	.92		.18	2.10	1.73	.35		.10	.15				
MOKIL ATOLL	-																																
NGASRANG-BABEL THUAP	-																																
PONAPE WSO	17.22	2.49	.13		1.99	1.13	.13		.02	.91	.50	.27	1.30	1.59	.20	.42	.17	.21	.04	.27	.12	.15	.40	.42	3.63	.39	.25	.01	T	.05	.03		
SATAWAN ATOLL	-																																
TAKU, MOEN I. WSO AP	17.44	.15	1.61	1.75	.11	1.49	.19	1.24	1.31	2.20	.20	.23	.06	.40	1.21	.62	.08	.41			.68	T	T	.80	2.01	.95		.05	.05	.01	.03		
WOLEAI ATOLL	-																																
YAP WSO AP	6.79	T	.54	.02	.03	.01		.03					.04	.58	.13	.26	.19	1.26	1.20	.91	.76	.01	.29	.20	.01	T	.18		T	.08	.06		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF MAUI																																	
KANALOHULU 1075	MAX MIN	71 44	72 56	69 52	69 57	72 55	76 57	68 55	68 55	67 56	66 56	72 48	73 49	70 45	67 50	68 55	65 51	78 52	69 45	67 46	61 56	66 51	61 42	59 54	71 54	64 57	66 57	70 56	70 51	69 55	68.4 52.4		
KILAUEA POINT 1133	MAX MIN	81 71	79 69	82 72	81 71	81 72	79 70	79 71	78 72	79 70	78 69	78 71	80 71	80 69	80 70	78 70	80 70	80 71	80 71	80 72	77 72	79 68	84 66	72 69	76 70	82 70	84 73	79 72	77 72	79.2 70.4			
LIHUE WSO 1020-1 AP	MAX MIN	82 72	83 72	82 73	82 73	81 75	82 76	82 73	81 76	82 75	81 73	82 74	82 74	82 70	81 68	81 73	82 73	82 69	82 73	81 69	82 73	82 74	81 70	82 67	77 68	77 69	81 70	82 72	83 75	81 72	81 76	81.3 72.4	
MAKAHUEA POINT 940-1	MAX MIN	89 70	81 74	89 69	89 69	82 72	88 72	89 72	90 74	80 72	86 71	82 71	81 72	83 67	83 68	82 70	81 72	82 74	83 72	83 68	80 69	80 74	78 74	78 62	80 62	79 62	78 62	81 66	86 75	86 72	86 73	83.2 70.5	
MANA 1026	MAX MIN	86 66	85 66	86 63	87 65	86 65	85 66	86 64	87 65	85 66	85 63	87 63	85 64	85 62	84 63	86 64	85 64	85 67	82 65	85 64	85 63	86 62	85 62	86 62	82 65	75 66	78 68	80 70	82 70	85 69	84 67	84.3 65.0	
NIU RIDGE 1035	MAX MIN	83 63	81 62	82 63	83 63	84 64	85 64	83 63	85 64	83 64	82 63	86 64	84 62	85 62	83 63	83 63	84 62	83 63	79 62	80 61	82 63	82 63	82 63	81 63	79 60	80 61	80 63	81 62	82 64	81 63	82.2 62.8		
WAIHI LOWER 1054	MAX MIN	82 67	82 66	82 63	82 61	81 64	78 66	80 66	79 66	80 64	79 65	78 64	78 63	79 59	78 55	78 62	79 63	77 60	78 61	79 61	80 57	79 65	79 57	77 57	74 64	74 64	79 65	79 67	76 68	78 66	78.7 63.3		
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN	84 68	84 67	75 68	81 69	75 69	81 70	78 72	82 70	81 67	79 68	82 65	83 66	82 67	83 66	82 64	82 66	82 64	82 66	82 65	82 71	82 58	83 68	78 66	78 67	80 66	82 66	82 66	81 66	81 67	80.9 67.5		
B Y U LAIE 903-1	MAX MIN	83 73	84 73	84 73	84 72	81 73	82 73	83 72	84 73	82 73	80 72	82 71	82 70	83 72	82 70	82 72	83 73	83 69	83 70	82 69	83 73	82 70	82 72	80 69	81 72	78 69	80 71	78 69	81 67	81 73	81 74	81.8 71.4	
EWA PLANTATION 741	MAX MIN	86 63	85 67	85 66	85 66	85 67	85 67	85 68	85 68	84 66	84 66	84 66	84 63	84 63	84 63	83 63	83 63	83 63	85 63	84 63	84 67	84 68	83 60	76 66	75 68	80 66	83 66	83 66	83 66	83.3 69.9			
HONOLULU WSO 703 AP	MAX MIN	87 72	87 71	86 71	86 69	87 72	86 73	85 72	86 73	85 72	85 73	85 70	86 71	86 70	85 67	86 74	85 72	85 69	85 70	85 73	85 73	84 67	83 65	78 67	77 69	80 71	82 71	83 69	83 71	83 67	84.3 69.9		
HONOLULU SUBSTA 704	MAX MIN	79 74	82 74	80 70	81 73	81 73	79 73	80 71	78 70	79 71	80 71	79 71	78 70	79 70	80 70	80 70	78 70	80 71	78 70	78 69	80 71	78 69	76 67	76 69	78 71	80 69	78 70	78 72	78 71	79.1 70.8			
KANEHE MAUKA 781	MAX MIN	85 70	81 72	80 70	80 70	80 70	80 70	80 71	78 70	76 72	80 71	80 70	80 70	79 69	77 70	76 68	82 68	82 69	80 70	79 69	79 68	78 67	78 67	76 68	76 73	78 74	80 70	80 71	77 67	79.3 70.0			
LUALUALEI 804	MAX MIN	84 67	83 66	83 65	82 70	79 67	81 72	77 71	80 70	81 72	79 69	84 67	84 70	83 62	84 64	80 66	79 63	82 66	82 64	82 66	82 72	80 68	80 62	74 66	74 66	76 66	79 68	78 67	80 67	80.3 67.8			
MANOA LYON ARBORETUM	MAX MIN	85 60	78 58	83 67	75 65	77 66	80 66	77 66	80 66	74 66	77 66	75 65	75 66	79 66	80 67	77 65	75 66	80 66	78 65	79 65	78 66	80 67	78 65	74 65	80 61	78 62	75 63	75 66	79 64	78 65	77.7 65.4		
OPAEULA 870	MAX MIN	85 72	82 64	78 66	80 66	76 66	76 67	76 67	75 67	75 65	70 69	75 65	70 66	78 64	70 64	79 66	80 65	78 62	80 60	78 64	79 67	79 68	78 67	76 68	76 73	78 74	80 71	77 67	79.3 67.8				
PRI MAHIWA 820-2	MAX MIN	84 62	84 64	85 61	85 61	81 65	83 67	79 66	78 66	80 66	79 66	79 66	80 63	80 62	79 61	78 62	81 62	80 62	80 62	81 67	80 67	81 67	77 59	79 64	80 58	72 63	72 67	76 63	76 64	78 60	79.3 63.2		
WAIALEE 896-3	MAX MIN	82 67	78 69	82 71	79 69	80 71	78 70	81 71	78 70	79 69	79 68	79 68	79 70	79 70	79 70	81 69	78 70	79 70	79 71	79 71	79 71	79 70	79 66	79 66	76 68	74 64	79 71	78 69	79 68	78.9 69.2			
WAIALUA 847	MAX MIN	87 63	85 63	87 64	81 63	83 65	82 64	82 65	80 68	83 66	81 66	83 66	83 60	83 60	82 62	84 58	83 64	82 64	83 64	83 64	82 63	82 63	82 63	78 65	75 68	80 72	82 67	80 64	83 62	82.4 63.6			
WAIKIKI 717-2	MAX MIN	86 68	85 71	85 70	84 67	85 68	85 69	85 71	84 69	85 69	83 70	83 69	84 69	85 65	84 64	84 70	85 66	84 66	84 66	85 70	86 70	84 71	84 67	77 65	80 69	81 69	83 65	84 67	82 64	83.9 68.0			
WAIMANALO EXP FARM	MAX MIN	83 67	83 69	82 69	82 70	82 72	83 72	80 71	81 70	82 70	81 70	82 72	82 70	82 72	81 69	80 72	80 69	79 68	80 70	80 70	80 72	81 69	81 68	80 65	78 67	76 69	78 70	80 68	80 66	80.6 69.5			
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN	85 69	84 65	88 70	83 69	84 68	85 70	84 69	83 66	84 72	84 66	85 66	85 65	84 66	84 66	84 66	85 66	85 66	84 66	84 66	84 66	84 66	84 66	82 66	82 63	76 68	77 66	83 71	83 68	85 66	82 73	83.6 67.2	
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN	77 67	77 65	74 66	74 66	75 66	75 66	76 64	76 64	76 64	83 64	73 64	73 64	73 65	72 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73 64	73.3 67.2		
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	62 46	72 49	73 51	68 46	66 49	64 43	61 43	63 48	64 36	66 46	61 48	63 41	67 41	68 46	71 45	68 44	67 40	61 40	63 39	61 43	62 41	61 38	57 35	69 39	56 48	60 46	64 48	61 41	65 47	66 39	64.3 43.6	
HALEAKALA SUMMIT 338-4	MAX MIN	62 46	72 49	73 51	68 46	66 49	64 43	61 43	63 48	64 36	66 46	61 48	63 41	67 41	68 46	71 45	68 44	67 40	61 40	63 39	61 43	62 41	61 38	57 35	69 39	56 48	60 46	64 48	61 41	65 47	66 39	64.3 43.6	
HANA AIRPORT 355	MAX MIN	85 65	83 66	82 67	82 67	82 66	83 68	82 67	81 69	82 68	80 67	82 69	80 63	81 62	82 65	81 64	80 66	82 63	80 64	80 68	82 68	80 65	80 63	79 64	76 70	78 69	82 74	80 67	81 66	80 63	81.0 66.2		
KAAHAPALI AP 453-1	MAX MIN	85 65	83 66	82 67	82 67	82 66	83 68	82 67	81 69	82 68	80 67	82 69	80 63	81 62	82 65	81 64	80 66	82 63	80 64	80 68	82 68	80 65	80 63	79 64	76 70	78 69	82 74	80 67	81 66	80 63	81.0 66.2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
NOVEMBER
1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAHULUI WSO 398 AP	MAX MIN	86 65	85 63	82 68	81 67	83 62	83 62	84 63	85 67	81 69	83 69	82 69	81 60	82 65	82 64	81 65	80 60	81 69	79 59	78 64	80 69	81 70	82 59	80 60	76 69	81 72	87 71	84 74	85 69	83 66	80 62	81.9 65.7	
KAILUA 446	MAX MIN			79 65	80 63	79 63	77 66	77 66			78 65	78 66	75 67	76 65	78 67			77 65	77 64	77 64	77 66	75 65			79 66	76 64	78 66						
KEAWAKAPU BEACH 260.2	MAX MIN																																
KULA SANATORIUM 267	MAX MIN	74 57	72 58	74 56	75 55	72 56	73 57	73 58	73 59	73 59	73 57	74 57	75 56	75 57	75 56	72 54	70 55	71 57	74 54	71 53	72 54	70 55	69 56	70 57	73 56	68 56	72 60	69 55	74 56	70 58	68 54	72.1 56.3	
LAHAINA 361	MAX MIN	85 66	85 67	87 66	87 65	85 66	85 68	82 68	83 71	86 69	85 68	85 68	85 66	85 65	84 66	84 65	86 65	83 70	85 64	84 64	86 66	86 65	85 66	85 66	77 65	80 67	83 72	81 74	83 69	81 68	84 64	84.1 67.0	
WAILUKU 386	MAX MIN			84 68	80 69	79 69	81 71	80 70			82 69	80 69	80 68	79 69	80 69			80 68	80 68	79 68	79 68	78 68			84 63	77 69	82 71						
ISLAND OF HAWAII																																	
HAWAII VOLCNS NP HQ 54	MAX MIN	69 55	70 53	72 50	71 50	69 52	71 51	68 54	62 54	69 55	68 52	67 50	66 52	70 49	70 49	70 48	70 52	70 53	68 49	68 50	71 55	66 54	70 49	65 45	69 53	62 57	64 57	68 58	65 57		65 49	68.0 52.1	
HILO WSO 87 AP	MAX MIN	83 68	83 68	81 67	82 65	83 63	81 65	80 66	81 68	80 69	82 66	81 68	80 67	80 65	81 66	82 66	76 68	81 67	81 64	76 66	80 69	80 66	80 66	80 62	84 62	73 68	81 70	82 66	85 69	78 68	79 66	80 66	80.5 66.5
KAINALIU 73.2	MAX MIN	79 62	80 63	79 62	75 60	79 61	77 60	78 60	76 63	79 60	78 60	78 60	76 60	78 60	78 59	78 59	79 60	79 63	77 58	77 60	78 62	78 62	77 60	78 59	77 65	71 61	78 64	79 65	72 66	77 65	72 61	77.5 61.2	
KAMUELA 192.2	MAX MIN	75 44	75 44	75 45	75 44	74 44	74 44	75 45	75 45	74 45	75 45	75 45	75 45	75 45	75 45	75 45	75 45	75 44	75 44	75 44	69 44	74 44	74 40	74 40	74 40	75 55	75 55	75 45	80 45	80 45	80 45	75.1 45.1	
KEARU 92	MAX MIN	79 65	80 68	80 66	80 64	80 66	83 65	83 66	80 66	79 66	79 64	80 65	79 64	78 64	80 65	79 64	80 65	77 63	80 62	76 64	77 66	80 66	78 63	77 61	81 63	72 64	79 64	82 64	84 69	77 67	77 64	79.0 64.7	
KOHALA MISSION 175.1	MAX MIN	79 67	80 69	80 68	79 66	80 68	79 67	79 68	78 69	80 67	76 65	78 67	79 67	78 64	79 65	78 65	79 67	74 65	78 64	77 66	72 66	76 66	76 63	79 64	80 64	75 64	81 64	82 66	82 68	76 68	76 63	78.2 66.0	
KONA (KAILUA) 68.3	MAX MIN			84 68	82 68	83 69	83 70	84 69					84 69	85 69	84 69			85 69	83 69	84 71	85 69	84 70			83 66	77 68	83 65						
KULANI CAMP 79	MAX MIN	65 46	68 44	72 42	67 42	63 47	65 45	63 47	60 50	64 51	61 47	61 50	61 43	58 38	60 38	64 38	65 40	65 43	65 42	60 42	65 51	65 51	59 42	61 41	67 49	60 53	65 52	68 52	67 50	61 49	59 43	63.5 45.8	
MAUNA LOA SLOPE OBS	MAX MIN	54 40	55 38	55 35	53 33	57 40	53 37	55 39	56 36	49 34	49 34	51 33	52 36	51 36	55 37	57 40	54 37	51 32	51 33	44 35	46 32	43 29	45 29	44 34	48 37	47 36	45 36	49 37	50 35	50 32	50.7 35.1		
MOUNTAIN VIEW 91	MAX MIN	78 59	78 59	78 59	77 58	77 58	79 56	78 59	76 60	76 60	76 59	75 60	74 60	77 62	76 60	78 58	78 58	76 56	76 57	71 62	71 62	77 55	77 55	77 55	70 64	75 62	78 63	80 64	74 59	74 59	76.2 59.3		
MAALEHU 14	MAX MIN			82 63	80 63	81 66	81 66	81 70			82 66	81 68	77 69	82 66	81 64			83 63	79 64	80 66	80 66	74 65			80 63	74 68	77 67						
OOKALA 223	MAX MIN	79 65	78 70	79 67	80 65	80 66	79 67	79 68	78 68	78 68	76 64	77 66	77 68	78 65	77 66	78 66	78 67	75 66	78 65	76 65	77 66	77 66	70 58	70 59	80 60	74 64	80 65	80 64	81 67	78 66	77 66	77.5 65.4	
OPIHIHALE 2 24.1	MAX MIN	80 60	80 61	76 58	79 59	80 58	78 59	79 60	80 58	82 58	80 57	77 57	80 59	81 58	79 57	80 57	81 57	80 58	74 58	78 57	80 59	79 58	79 56	80 57	74 60	80 61	83 61	81 62	77 62	72 62	79 58	78.9 58.8	
PAHALA 21	MAX MIN			80 61	82 60	83 60	81 60	79 62			83 63	83 63	79 63	83 61	82 62			83 61	79 68	79 60	83 65	73 64			80 59	72 64	77 60						
PURAO 95.1	MAX MIN	85 68	84 71	83 71	84 67	85 68	84 68	81 67	81 67	81 68	84 71	85 66	82 71	84 68	83 66	84 68	85 68	82 70	82 67	84 67	86 70	82 67	81 66	80 64	81 63	80 65	83 64	82 63	80 65	83 68	82 68	83 63	82.6 67.6
UPOLU POINT USCG 159.2	MAX MIN	83 71	83 72	84 71	82 74	83 70	83 69	83 74	82 71	85 69	81 68	81 68	82 70	81 68	81 68	81 68	82 70	77 67	81 67	80 68	78 69	79 68	80 67	82 67	81 68	78 68	82 71	83 72	82 72	80 70	80 68	81.3 69.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	86 75	86 76	86 75	86 74	85 73	85 75	85 75	85 74	85 75	86 75	86 76	85 75	86 74	85 75	86 75	87 75	86 75	85 74	86 74	86 74	86 74	85 74	86 73	85 75	85 74	84 73			85 71	84 73		85.5 74.3
JOHNSTON WSO AP	MAX MIN	82 74	81 76	84 78	83 77	83 77	81 73	81 76	82 74	82 78	82 76	82 77	82 74	82 75	81 77	81 75	82 75	82 77	82 77	82 75	81 73	81 73	82 76	84 72	82 72	80 72	82 72	82 76	82 77	82 77	81 72		81.9 75.1
LEONE		MAX MIN																															
FRENCH FRIGATE SHOALS		MAX MIN																															
MIDWAY SAND ISLAND		MAX MIN																															
PAGO PAGO WSO AP	MAX MIN	87 75	83 72	86 78	85 79	84 78	84 77	87 72	83 73	82 74	88 72	85 72	86 71	85 75	83 72	82 76	87 79	88 74	87 72	88 74	88 74	85 72	86 74	88 76	88 76	87 75	88 73	84 73	87 73	86 79	86 79		85.8 74.7
SWAIN ISLAND		MAX MIN																															
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	87 77	86 78	85 77	87 79	85 79	83 78	85 76	85 79	79 75	84 76	83 74	82 75	83 74	85 78	85 78	83 77	82 77	83 77	78 76	80 77	85 78	85 77	84 78	86 78	84 77	85 78	84 77	84 78	85 78	85 78		83.9 77.0
CLARK AFB LUZON	MAX MIN	86 72	81 72	81 72	88 73	90 73	90 72	90 70	90 73	90 73	90 73	90 73	88 72	88 73	90 75	90 75	88 77	90 77	91 75	91 73	91 72	91 70	86 70	84 72	82 70	82 66	88 68	81 72	81 72	88 73	86 72		87.4 72.3
GUAM NAS		MAX MIN																															
GUAM WSMO	MAX MIN	86 71	85 72	86 72	87 70	87 71	85 73	85 75	86 74	80 75	84 74	84 72	84 71	82 69	86 73	85 75	84 72	84 74	84 71	80 69	82 63	83 72	85 77	85 72	85 70	85 71	84 73	85 73	85 71	85 71	85 76		84.4 72.1
SAIPAN USCG LORAN		MAX MIN																															
WAKE WSO AP	MAX MIN	85 72	86 76	86 74	87 77	88 78	86 74	87 76	87 77	88 78	86 76	86 74	86 72	86 75	86 73	86 70	86 74	86 76	87 76	87 75	86 75	86 76	85 74	86 75	86 76	85 73	83 76	85 75	84 73	82 71	83 74		85.8 74.7
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIYETAK	MAX MIN	85 76	79 75	86 75	84 78	85 78	85 78	86 79	86 78	89 79	85 78	84 74	83 75	85 77	85 79	80 76	83 78	84 77	84 76	84 77	87 77	86 78	88 77	86 75	88 75	87 79	85 76	86 76	85 76	86 76	85 76		85.0 76.9
FALALOP I. ULITHI	MAX MIN	85 77	85 78	87 82	86 80	87 82	87 79	88 83	88 79	88 83	88 79	88 79	88 83	89 81	88 80	88 83	85 79	83 80	84 79	81 79	83 81	83 81	84 80	84 77	86 81	84 78	85 79	85 81	86 79	87 82		85.7 80.1	
KAPINGAMARANGI ATOLL	MAX MIN	85 75	88 78	89 76	89 77	88 74	89 76	90 75	89 75	89 77	87 74	88 78	88 72	85 73	86 74	88 79	89 74	84 76	85 74	88 78	88 76	88 78	89 75	90 75	90 78	89 74	88 76	89 75	89 78	89 76		88.1 75.7	
KOROR WSO	MAX MIN	90 75	88 76	90 75	90 75	89 75	90 76	90 76	90 77	90 77	91 78	91 77	90 76	91 76	89 78	88 75	85 75	86 76	86 75	88 75	88 76	89 80	89 76	90 77	90 75	89 74	89 76	80 73	88 76	90 77		88.7 75.8	
KWAJALEIN MISSILE RNC	MAX MIN	86 78	86 74	86 75	84 76	85 79	87 78	86 78	86 78	85 78	85 76	84 74	86 76	82 74	82 74	86 76	85 78	85 76	86 76	84 79	87 74	87 78	86 74	86 78	85 70	85 74	85 76	85 78	86 79	85 76		85.3 76.2	
LELE I. KUSAIE		MAX MIN																															
MAJURO WSO AP	MAX MIN	83 76	84 74	81 74	84 75	86 76	85 76	85 75	83 74	85 75	81 75	85 74	81 76	82 75	84 72	80 74	84 76	85 76	85 75	85 75	84 74	84 74	83 77	83 74	83 72	85 74	84 78	85 75	85 75	85 75		83.8 74.9	
METALANIM	MAX MIN	88 82	87 82	87 82	89 82	88 81	86 79	88 80	87 83	86 80	86 81	84 82	84 75	84 76	86 82	86 82	85 82	88 82	86 82	87 82	83 81	84 82	85 83	86 82	82 75	82 76	82 74	87 74	85 79	86 78	85 81		85.6 80.1
PONAPE WSO	MAX MIN	78 73	86 73	89 71	87 71	85 73	90 71	90 72	90 73	84 73	86 72	83 73	82 73	86 72	90 74	88 74	88 74	90 72	90 73	88 78	88 75	88 74	89 75	89 77	88 72	86 70	86 71	89 75	90 74	90 73		87.1 73.2	
SATAWAN ATOLL		MAX MIN																															
TRUK, MOEN I. WSO AP	MAX MIN	88 75	83 73	81 74	86 74	86 75	84 75	85 74	85 73	87 72	85 73	82 74	85 74	85 75	82 74	86 76	87 77	87 77	88 77	89 81	88 75	86 77	85 80	85 72	85 73	83 75	88 73	87 77	87 78	88 79	86 77		85.7 75.3
WOLEAI ATOLL		MAX MIN																															
YAP WSO AP	MAX MIN	87 74	88 75	88 72	89 75	89 75	89 75	88 70	88 76	87 78	88 77	88 75	88 70	87 74	88 73	87 74	85 75	83 71	86 74	84 74	85 74	87 76	83 76	90 74	86 74	87 76	87 76	87 73	87 75	88 74		87.0 74.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
ISLAND OF KAUAI																																
LITUE WSO 1020-1 AP	EVAP	.25	.21	.29	.20	.32	.20	.27	.24	.22	.24	.20	.24	.15	.30	.20	.24	.31	.17	.21	.53	.01	.32	.15	.06	-	-	-	.13	.22	.26	6.828
	WIND	163	146	171	141	188	226	184	252	250	243	245	195	162	86	125	198	286	148	189	246	219	114	228	88	384	107	140	162	5282	82.4	
	MAX	85	80	85	84	83	83	82	82	81	80	80	82	83	83	82	82	83	83	83	83	83	83	82	82	83	-	79	82	86	80	82.5
	MIN	60	65	64	64	65	65	65	65	65	64	63	64	61	59	59	60	60	59	60	67	64	63	62	60	61	-	58	64	64	62	
ISLAND OF OAHU																																
HONOLULU OBSERV 702.2	EVAP	.30	.30	.30	.30	.35	.22	.30	.23	.30	.34	.34	.29	.30	.30	.28	.23	.16	.25	.24	.29	.30	.25	.30	.15	.00	.06	-	.19	.15	.15	7.428
	WIND	20	21	25	30	26	24	30	27	40	40	39	28	26	22	24	25	14	21	22	24	37	31	28	75	64	70	54	15	16	22	940
	MAX	86	84	86	89	89	80	80	78	86	85	82	83	84	82	76	76	80	-	82	84	85	82	85	81	80	76	75	78	82	82	82.0
	MIN	63	64	64	64	64	63	63	65	65	64	64	62	60	60	61	63	63	-	60	62	64	63	61	60	61	66	64	65	55	59	62.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																
■ ■ ■ EAST OF 180TH MERIDIAN																																
JOHNSTON WSO AP	EVAP	.25	.28	.36	.36	.27	.29	.35	.30	.37	.30	.37	.36	.43	.23	.22	.28	.32	.31	.31	.30	.33	.24	.26	.35	.30	.28	.26	.21	.25	.33	9.07
	WIND	261	250	262	254	215	246	219	205	236	234	235	236	244	225	246	253	252	223	179	230	240	224	127	177	174	134	126	132	193	202	6434
	MAX	79	78	85	84	85	82	82	82	85	84	84	81	83	78	78	84	82	82	82	81	83	86	88	84	81	82	85	87	85	84	82.9
	MIN	70	70	78	70	69	68	68	69	68	68	70	68	69	68	71	69	69	69	69	68	69	69	69	68	65	65	68	68	69	70	68.9
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																
GUAM WSMO	EVAP	.42	.23	.14	.18	.23	.18	.14	.20	.13	.24	.12	.16	.26	.18	.18	.38	.20	.19	.56	.29	.24	.17	.23	.20	.16	.24	.22	.22	.23	.21	6.73
	WIND	99	76	54	32	52	67	69	89	125	93	28	68	113	88	138	165	168	238	369	281	194	139	51	68	67	111	158	89	93	143	3525
	MAX	88	87	85	87	91	84	87	88	82	85	82	85	82	86	84	83	83	81	75	77	82	85	86	87	86	85	86	85	86	85	84.5
	MIN	68	63	70	69	70	71	71	71	72	70	69	69	68	69	69	70	70	70	70	70	71	73	71	69	68	68	68	69	69	70	69.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	7A	7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAIKAWA	5	21 33	158 00	1274		WI		C	WAIKAWA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF OAHU													
■HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J	NATL WEATHER SERVICE
■HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C		NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A		C		H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C		MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A		C		U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI		C		WAIHOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C		KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C		GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID		C		BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A		C		STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A		C		KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A		C		WAIALUA SUGAR CO. INC.
KEMO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A		C		WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A		C		C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C		PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI		C		U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C		MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A		C		HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C		CAPITAL INVESTMENT CO.
MANOA 712-1	6122	02	HONOLULU	2	21 19	157 49	220		7A		C		MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A		C		LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID		C		BOARD OF WTR SUPPLY
MAUNAWILI 787-1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C		EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A		C		JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C		CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C		FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID		C		BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI		C		BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C		WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A		C		CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID		C		BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID		C		BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A		C		WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C		PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C		MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A		C		NAT MEM CEMETERY
PUUKAUA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C		JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A		C		REV R CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C		SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C		BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A		C		R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A		C		DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A		C		W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C		WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C		WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A		C		SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A		C		WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C		WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A		C		BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C		MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO		C		WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI		C		WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A		C		HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C		WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A		C		WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C		WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C		WAIALUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A		C		OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID		C		BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A		C		KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A		C		MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C		MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR		C		MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C		DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C		DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A		C		ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS PUU O HOKU RANCH MOLOKAI RANCH
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	
WAIKOLU 540	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300		8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAUER 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	
WAIKEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCGRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	
HALIIMAIL 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	
KAANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUAIUA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	A 4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO HANA RANCH MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPU UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF MAUI													
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			C	KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO				HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A				PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A				ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A				PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A				WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A				WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO				E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR				EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A				WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A				WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C				HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			C	W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A				NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A				HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A				MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO				HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO				KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO				MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A				HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A				K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A				REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO				STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A				CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040						SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A				SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A				MAUNA KEA SUGAR CO
HONOMO MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A				MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO				STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO				STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A				HUEHUE RANCH
KAAHA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					C	KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A				CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700						RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A				KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A				FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR				HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI				PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A				PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A				PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A				MARY J FLEMING
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			C	DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI				HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A				PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700						KAU SUGAR COMPANY, INC
KEALAKEUA 26.2	3977	04	S KONA	4	19 30	155 55	1450						GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280						STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO				STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI				MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A				K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI				HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A				KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A				LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A				HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A				HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A				ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI				MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI				ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615						STATE DEPT OF L&N RES
LANIHAI 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A				KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650					C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A				PARKER RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MANUKA 2	A	6134	03 KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA LAUPAHOEHOE SUGAR CO
MAUNA KEA OBS 111.2		6183	02 HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS		6198	05 HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A	6268	04 N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A	6270	01 N KOHALA	1	20 06	155 50	1380		VAR			
MORULA 18	A	6407	03 KAU	3	19 11	155 30	600					
MOUNTAIN VIEW 91		6552	02 PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A	6588	03 KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A	6697	04 S KONA	4	19 28	155 55	395		7A			
OOKALA 223		7131	02 N HILO	2	20 01	155 17	430	7A	7A			
OPIHIHALE 2 24.1		7166	04 S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A	7185	02 PUNA	2	19 34	155 00	445		VAR			
PAAUHAU 217		7204	01 HAMAKUA	1	20 05	155 26	415		8A		C	
PAAUILO 221		7312	01 HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A	7421	03 KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65		7457	02 PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A	7643	03 KAU	3	19 22	155 28	5000		MO			
PAPAIKOU 144.1		7711	02 S HILO	2	19 47	155 06	260		7A			
PAPAIKOU MAUKA 140.1		7721	02 S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A	8051	02 S HILO	2	19 44	155 10	1730		MO			
POHAKEA 220.6		8058	01 HAWAII	1	20 02	155 25	1760		7A			
POHAKULO 107	A	8063	02 HAMAKUA	2	19 45	155 32	6511		VAR		C	
PVAKO 95.1	A	8186	05 KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIHIE 120	A	8393	01 HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A	8452	05 HAMAKUA	5	19 50	155 36	7440		MO			
PUU LEHUA 73	A	8460	04 N KONA	4	19 34	155 49	4880		MO			
PUU MALI 113	A	8515	01 HAMAKUA	1	19 55	155 26	6960		MO			
PUU OO 82	A	8550	02 S HILO	2	19 44	155 23	6340		WI		C	
PUU WAAWAA 94.1	A	8555	05 N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A	8590	02 S HILO	2	19 42	155 12	2340		WM			
SOUTH POINT CORRAL 3	A	8675	03 KAU	3	18 57	155 41	500		WI		C	
UMIKOA 118		8780	01 HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2		8830	01 N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2		9025	02 S HILO	2	19 40	155 08	1050		7A			
WAIKALOA-BOIS CAS 95.8		9142	04 HAWAII	5	19 56	155 48	900		8A			
WAIKANONOUA 178.6		9350	01 N KOHALA	1	20 08	155 47	3830				C	
CLOSED STATIONS												
ISLAND OF HAWAII												
PUU OO 82	A	8550	02 S HILO	2	19 44	155 23	6340		WI		C	
												CLOSED 10/1/75

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			CLOSED 11/74
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	10A	10A			USCG LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RNG	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE
CLOSED STATIONS												
EAST OF 180TH MERIDIAN												
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			CLOSED 11/74
NEW STATIONS												
EAST OF 180TH MERIDIAN												
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N. C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls. General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

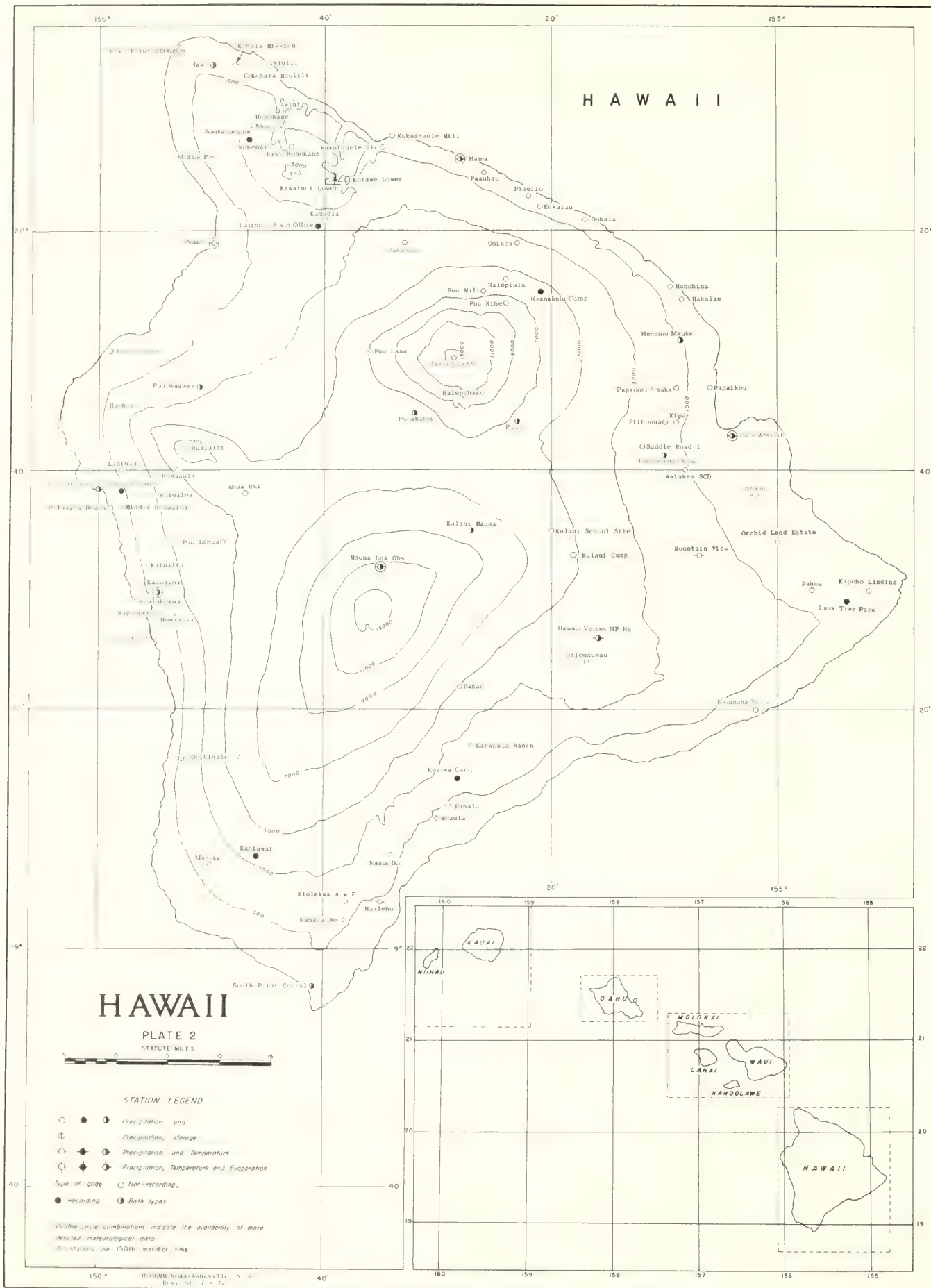
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

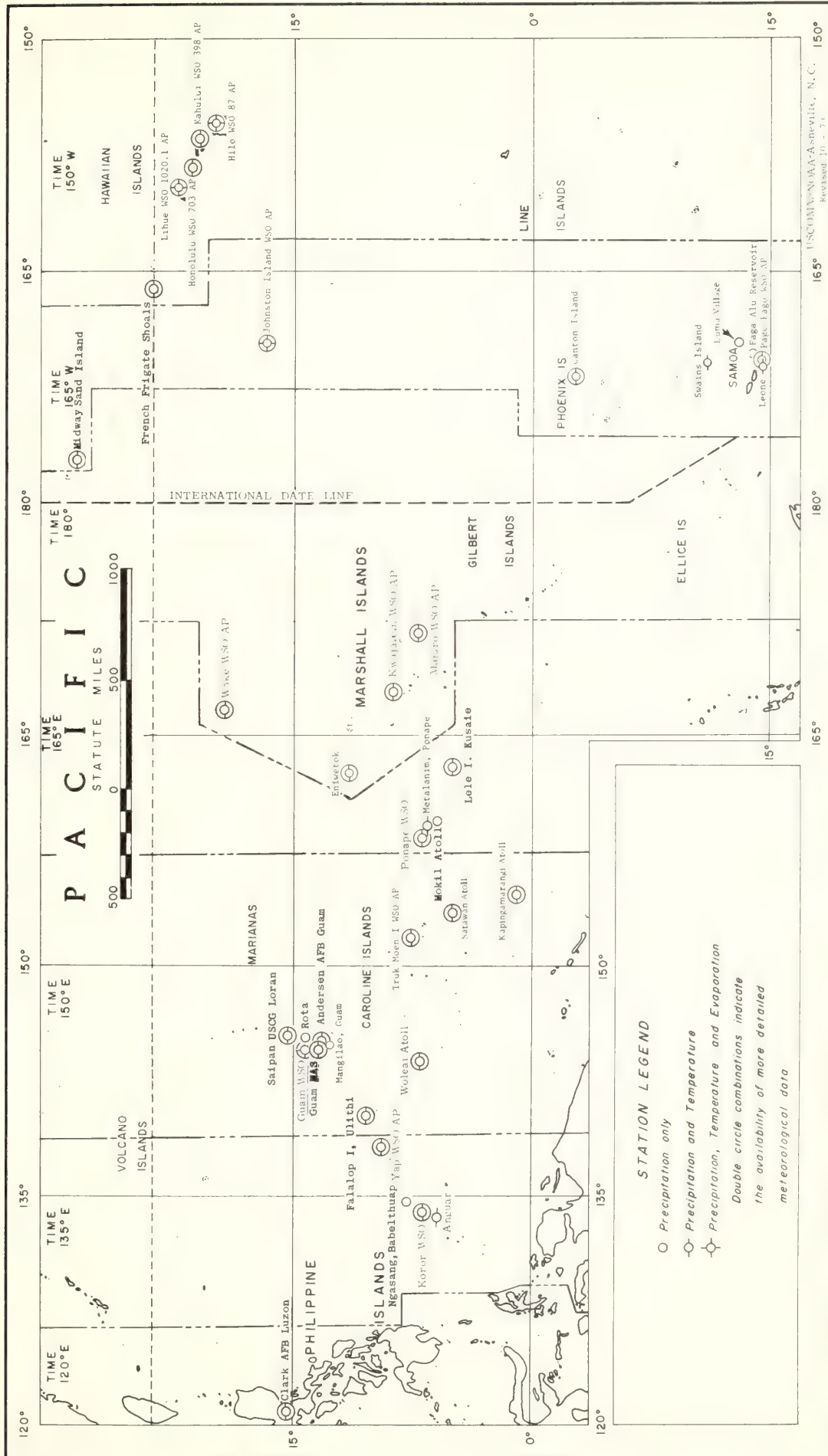
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

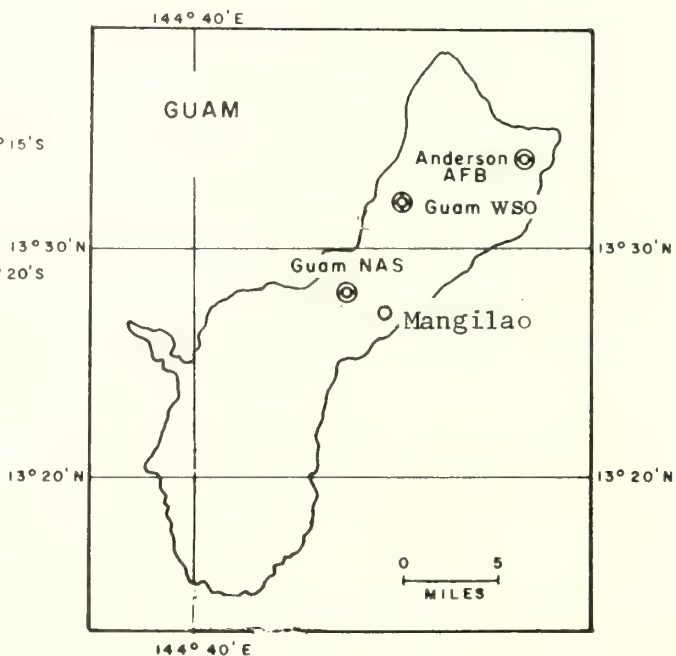
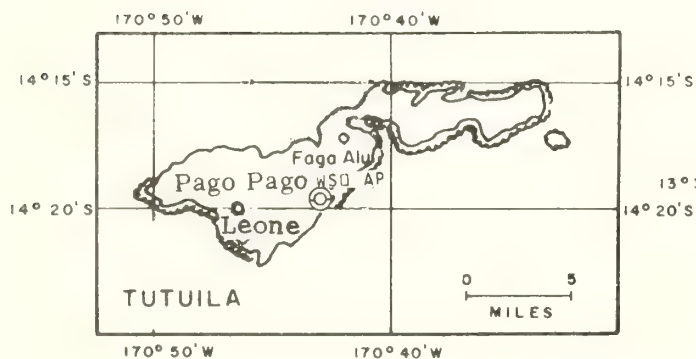
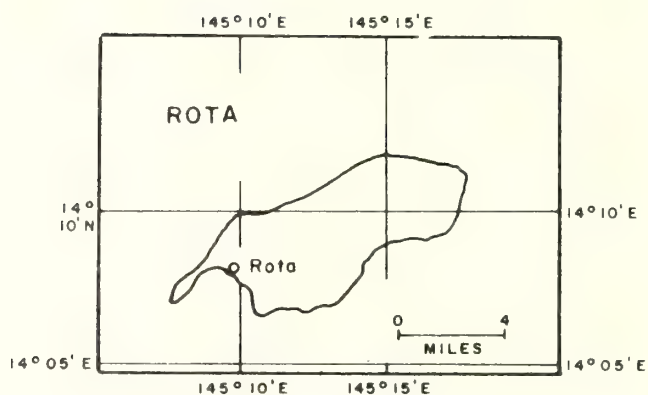
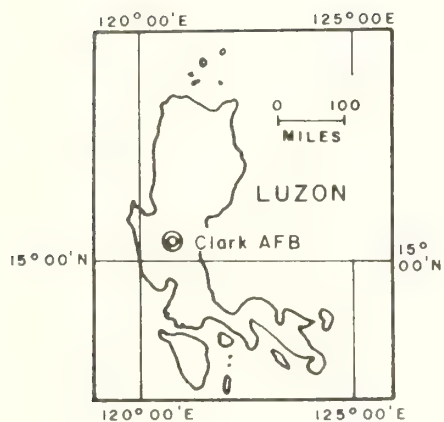
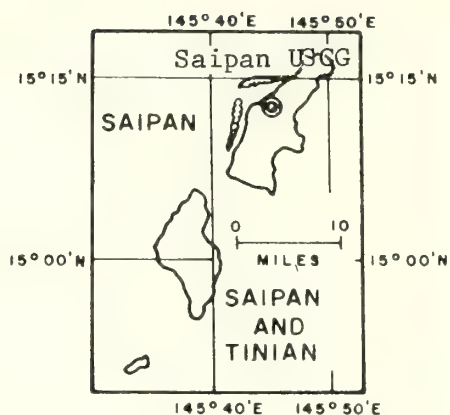
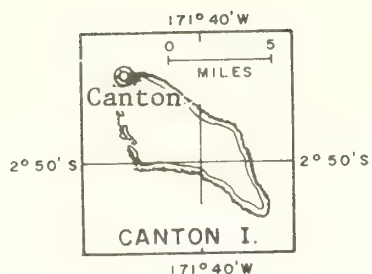
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

Thomas D. Potter
Director, National Climatic Center

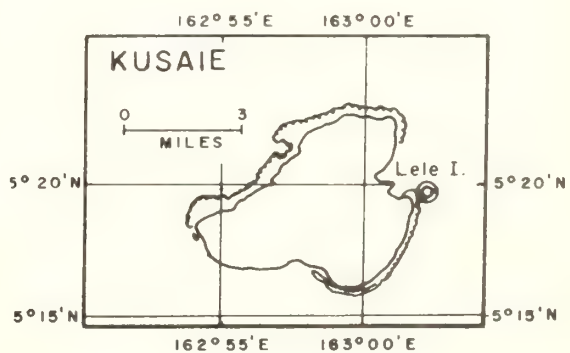
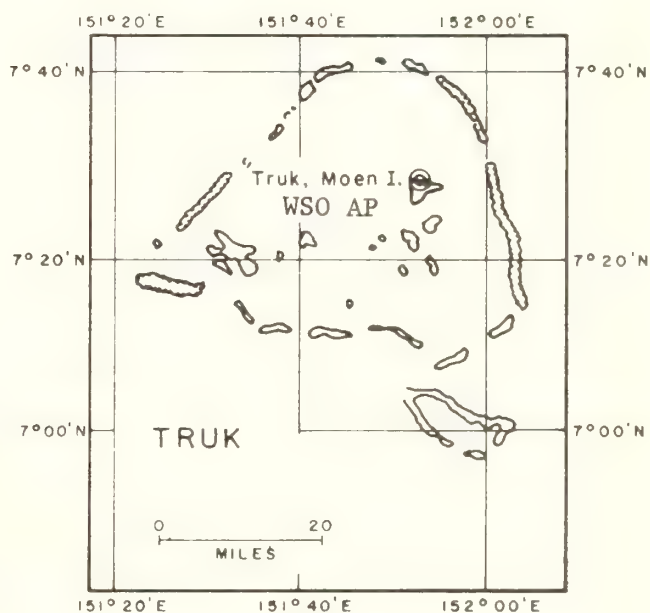
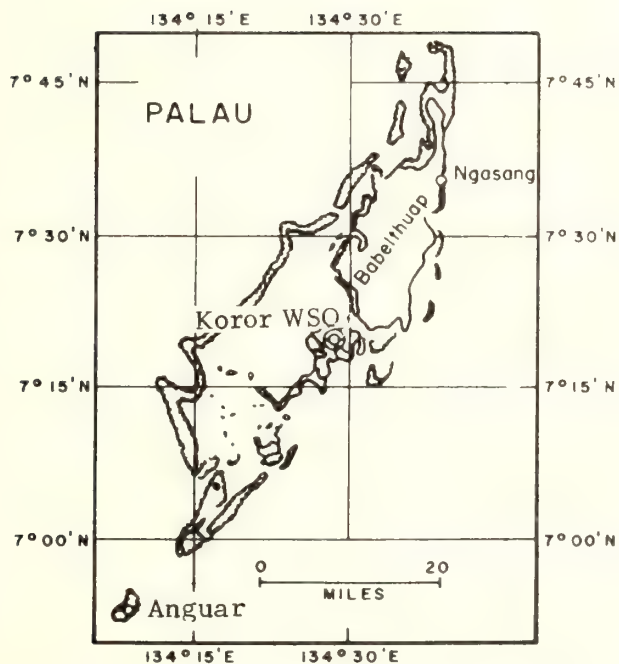
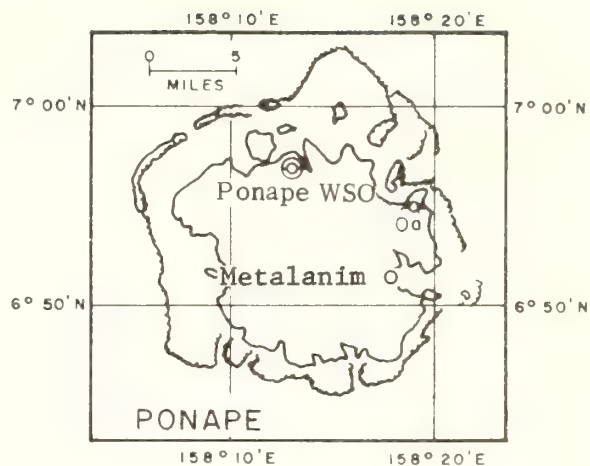
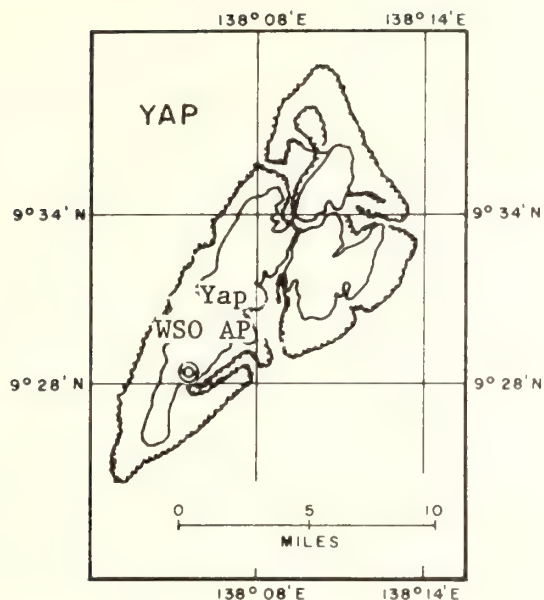
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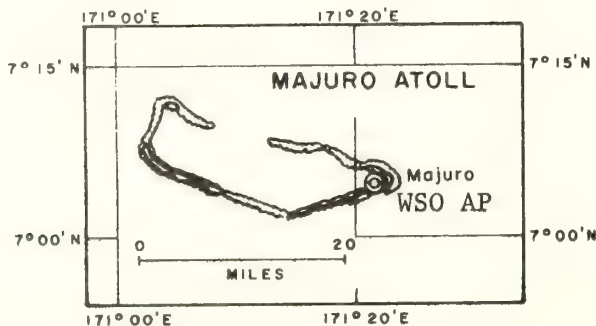
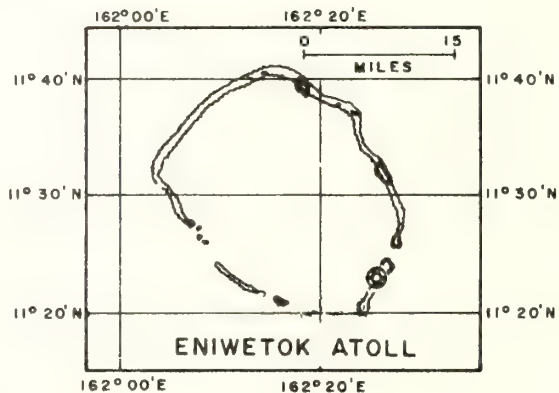
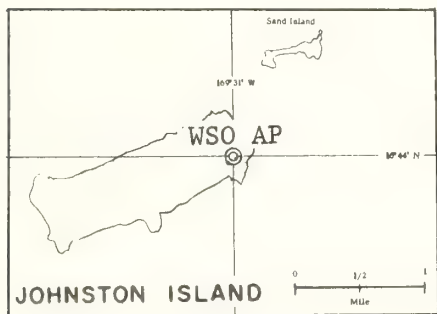
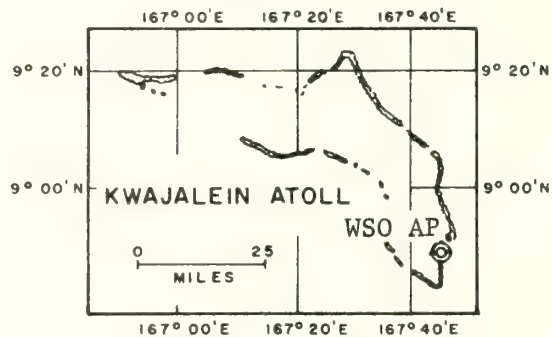
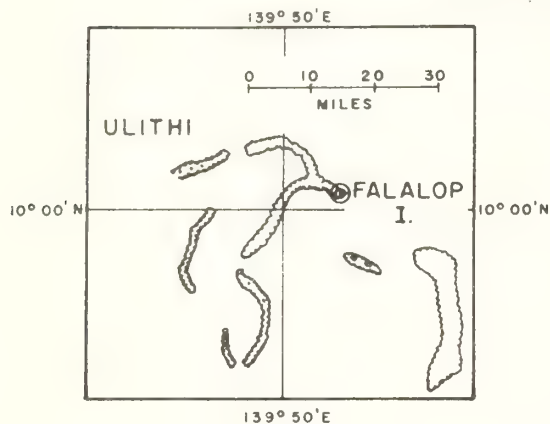
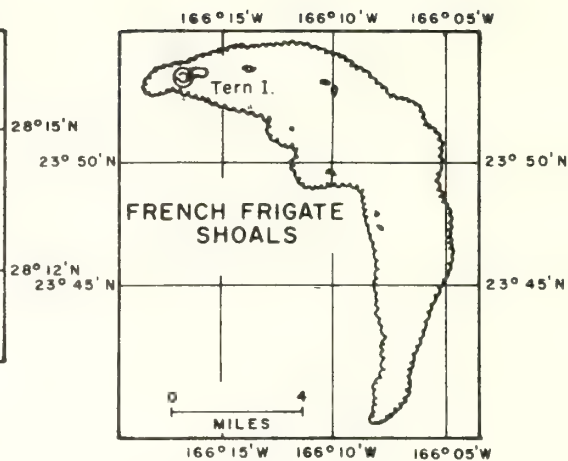
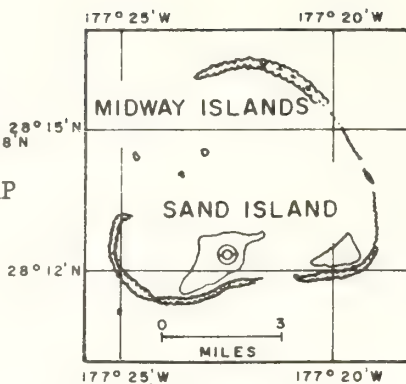
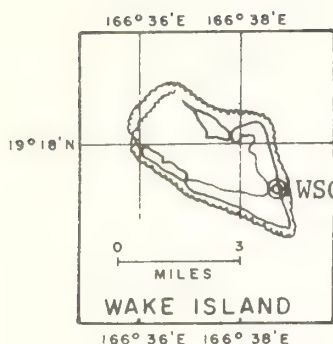




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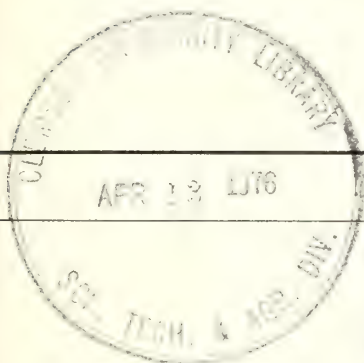
HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	MOLOKAI AP 524	MOLOKAI	88	DATE	16
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	28	DATE	31
GREATEST TOTAL PRECIPITATION:	WAIKAE SCD 88.5	HAWAII	8.55		
LEAST TOTAL PRECIPITATION:	5 STATIONS		.00		
GREATEST 1 DAY PRECIPITATION:	HONOMU MAUKA 138	HAWAII	10.19	DATE	03

SUPPLEMENTAL DATA



	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSO AP	-	-	-	20	E	19+	-	77	78	90	1	12	8	3	0	1	25	60	6.5
HILO, HAWAII, WSO AP	17	2.8	6.3	19	SE	24	84	80	66	82	7	6	7	2	1	1	24	43	6.4
HONOLULU, OAHU, WSO AP	5	4.2	8.1	22	NE	16+	85	82	61	75	3	6	1	0	0	0	10	56	5.8
JOHNSTON ISLAND WSO AP	8	16.1	17.5	36	NE	08	76	76	71	75	9	13	0	0	0	0	22	68	5.0
KAHULUI, MAUI, WSO AP	6	4.8	9.2	26	NE	20+	79	78	57	72	3	1	0	0	0	0	4	70	5.5
KOROR WSO AP	9	5.2	8.3	26	NE	13	90	-	81	81	2	5	10	3	7	2	29	34	9.1
KWAJALEIN WSO AP	7	14.2	14.8	28++	7	07	81	82	76	78	5	10	7	4	1	0	27	-	7.8
LIHUE, KAUAI, WSO AP	5	2.2	8.1	19	E	16	79	79	65	75	11	4	2	1	1	0	19	63	5.4
MAJURO WSO AP	8	11.6	12.1	31	E	08	82	84	77	82	1	6	8	7	5	0	27	33	8.1
PAGO PAGO WSO AP	6	4.3	8.0	33	N	07	90	87	73	82	3	6	8	5	4	1	27	31	8.0
PONAPE WSO AP	-	-	-	22	NE	30	87	-	82	82	7	4	11	4	9	3	31	29	9.4
TRUK,MOEN I, WSO AP	7	7.1	9.0	18	NE	12	83	-	79	79	3	5	12	7	1	0	28	30	9.9
WAKE WSO AP	9	11.0	13.9	35	E	10+	88	91	76	83	4	7	2	2	2	1	18	62	4.4
YAP WSO AP	9	8.5	9.4	26	NE	01	87	-	79	77	0	4	13	6	1	1	25	63	7.5

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL
DATA SERVICE / NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1975

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW. SLEET			NO. OF DAYS			
											MAX.	MIN.	TOTAL	DEPT.					DATE	1.00 OR MORE	1.50 OR MORE	1.00 OR MORE			
																							30" OR ABOVE	32" OR ABOVE	34" OR ABOVE
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A													4.41											
KANALOHULU 1075		64.5	46.1	55.3		70	20	38	20		0	0	0	5.95		2.65	14					5	4	2	
KAPAA STABLES 1104	A													6.01											
KILAUEA POINT 1133		77.3	68.4	72.9		82	8	62	10		0	0	0	4.12		3.17	14					5	1	1	
KOLOA 936														5.41											
LIHUE WSO 1020.1 AP	//R	79.2	67.8	73.5	1.0	82	22	59	11		0	0	0	2.87	- 3.47	1.54	13					4	2	1	
HANA 1026		82.0M	63.4M	72.7M	.7	85	26+	59	10		0	0	0	3.14	- .92	2.31	14					4	1	1	
N WAILUA DITCH 1051	A													9.89											
PH WAINIHA 1115														4.85	- 9.46										
PUEHU RIDGE 1040														2.65	- 3.02	2.12	14					4	1	1	
WAIHANA 930	A													3.82	- 1.65										
WAIHAI LOWER 1054		78.7	58.7	68.7		83	18	50	12+		0	0	0	4.95	- 7.69	2.79	14					9	1	1	
WAIHEA 947														2.09	- 2.30	1.92	14					2	1	1	
ISLAND				68.6												4.63									
ISLAND OF OAHU																									
ALOHA STADIUM-HALAWA		79.9M	63.3M	71.6M		83	8+	58	11+		0	0	0	1.70											
B Y U LAIE 903.1		80.2	64.6	72.4		84	22	58	15+		0	0	0	.85		.36	9					2	0	0	
HONOLULU OBSERV 702.2														1.07		.50	14					3	1	0	
HONOLULU WSO 703 AP	R	81.1	64.9	73.0	.7	84	6+	56	9		0	0	0	.60	- 3.09	.37	12					1	0	0	
KANEHE MAUKA 781		78.3	67.3	72.8	.8	83	28	62	13		0	0	0	3.04	- 4.75	.67	13					7	2	0	
KOOLAU DAM 833	A													4.47		1.15	17					10	2	2	
LUUALALEI 804	A	78.7	61.8	70.3		85	2	56	11+		0	0	0	3.24											
MANOA LYON ARBORETUM		78.5	61.7	70.1		83	8	54	10+		0	0	0	4.67		1.75	13					8	2	2	
NUUANU RES 4 783														4.20		1.00	1					10	3	1	
OPAEULA 870	A	M	M	M		85	8				0	0	0	4.47		3.15	13					7	2	1	
PALOALO VALLEY 718	R													3.52	-11.20	.74	13					12	3	0	
PRI WAIHANA 820.2	A	77.6	58.3	68.0		83	8+	53	12+		0	0	0	8.91											
WAIHANA DAM 863	A													2.22											
WAIHOLE 837	A													5.18		1.86	3								
WAIKALEE 896.3		77.2M	66.3M	71.8M		81	23	62	27+		0	0	0	2.07		1.16	13					4	1	1	
WAIKALUA 847	A	80.7	59.8	70.3	.8	85	29+	56	26+		0	0	0	1.72	- 2.92	.86	14					6	1	0	
WAIKIKI 717.2		81.3	62.4	71.9		85	3	55	9		0	0	0	.51		.35	13					2	0	0	
WAIMANALO EXP FARM		79.1M	66.0M	72.6M		81	30+	57	10		0	0	0	.95		.27	13					4	0	0	
WAIPIAHU 750	A													4.14											
ISLAND				71.3										3.03											
ISLAND OF MOLOKAI																									
KUALAPUU 534	A													.21		.12	3					1	0	0	
MAUNALO A 511	A													.99											
MOLOKAI AP 524		81.3	62.4	71.9		88	16	58	28+		0	0	0	.02		.02	8					0	0	0	
ISLAND				71.9										.41											
ISLAND OF LANAI																									
LANAI CITY 672	A	M	M	M							0	0	0	1.09	- 3.04	.53	31					1	0		
ISLAND				.0										1.09											
ISLAND OF MAUI																									
HALEAKALA B E S 434	A													.39		.15	10					2	0	0	
HALEAKALA RS 338		61.9	42.8	52.4	.7	68	26	35	28		0	0	0	.32	- 8.54	.17	15					1	0	0	
HANA AIRPORT 355		78.7M	66.4M	72.6M		80	29+	59	11		0	0	0	3.00		.62	2								
HONOKOHUA 493	A													.54											
KAAHAPALI AP 453.1		79.2M	63.7M	71.5M		82	1	60	26		0	0	0	.26		.21	9					1	0	0	
KAHULUI WSO 398 AP	R	81.1	63.4	72.3	.3	84	2	58	21+		0	0	0	.01	- 2.83	.01	8					0	0	0	
KAILUA 446		M	M	M							0	0	0	3.93	- 8.78										
KEANAE 346	A													16.90											
KIPAHULU 258														2.93	- 7.26	1.45	2					8	2	1	
KULA SANATORIUM 267		69.7	55.8	62.8	.4	73	12	52	30+		0	0	0	.19	- 3.42	.07	2					0	0	0	
LAHAINA 361		82.2	64.9	73.6	.6	85	1	62	26+		0	0	0	.13	- 2.73	.06	9					0	0	0	
PAIA 406														.11	- 4.52	.03	17					0	0	0	
WAILUKU 386	A	M	M	M		86	1	60	22+		0	0	0	.30	- 4.35							0	0	0	
ISLAND				67.5										2.23											
ISLAND OF HAWAII																									
HAWAII VOLCNS NP HQ 54	R	66.5	50.2	58.4	.0	72	22+	44	22		0	0	0	3.04	- 9.29	.64	17					9	1	0	
HILO WSO 87 AP	A	80.0	64.4	72.2	.6	82	24+	57	18		0	0	0	8.47	- 7.29	3.55	2					11	4	2	
HUENUE 92.1														1.13											
KAHALUWU 73.2		75.7	59.4	67.6		79	1	55	19		0	0	0	2.35	- 1.26	1.16	1					2	1		
KEARU 92		78.8	62.8	70.8		83	14	56	19		0	0	0	8.44		2.35	3					14	5	1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1975

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1975

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.	MIN.	TOTAL	DEPT					DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
																							32° OR ABOVE	32° OR BELOW
PACIFIC																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND		85.5M	73.4M	79.5M		87	11+	65	5		0	0	0	0	.02		.01	24+		.0	0		0	0
FAGA ALU RESERVOIR															3.16		5.75	8		.0	0			
FALEASAO VILLAGE															18.75		2.64	12		.0	0	18	12	8
JOHNSTON WSO AP		R	80.7	73.8	77.3	-.3	82	13+	70	10	0	0	0	0	.52	- 2.87	.08	23		.0	0	0	0	0
LEONE															13.96		1.46	15		.0	0	19	11	6
FRENCH FRIGATE SHOALS			78.6	69.0	73.8	.5	82	18+	56	8	0	0	0	0	1.33	- 3.52	.48	31		.0	0	5	0	0
MIDWAY SAND ISLAND																				.0	0			
PAGO PAGO WSO AP		R	85.3	73.5	79.4	-.6	88	13	71	28+	0	0	0	0	14.15	-.70	2.57	6		.0	0	18	10	5
SWAIN ISLAND																				.0	0			
WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM			82.0	76.2	79.1	-.2	85	2+	73	31	0	0	0	0	3.93	- 1.93	.79	27		.0	0	10	2	0
CLARK AFB LUZON			85.2	73.0	79.1	.6	91	9	70	31+	6	0	0	0	4.28	2.90	1.24	20		.0	0	8	3	1
GUAM NAS																				.0	0			
GUAM WSMO		R	84.2	72.2	78.2	-.3	86	30	67	31	0	0	0	0	6.42	.57	2.27	3		.0	0	12	4	1
MANGILAO															4.68		1.10	9+		.0	0	9	3	3
ROTA																				.0	0			
SAIPAN USCG LORAN			85.9	74.7	80.3		88	4	72	17+	0	0	0	0	5.22		1.02	15		.0	0	15	2	1
WAKE WSO AP		R	82.8	72.8	77.8	-.8	85	28+	88	8+	0	0	0	0	6.87	5.14	2.63	11		.0	0	7	5	3
CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															14.45	4.50	2.53	2		.0	0	22	9	4
ENIWETAK			84.7	75.9	80.3	- 1.6	86	30+	70	20	0	0	0	0	2.06	- 1.04	.61	25		.0	0	6	1	0
FALALOP I. ULITHI																				.0	0			
KAPINGAMARANGI ATOLL																				.0	0			
KOROR WSO		R	87.1	74.9	81.0	-.3	90	30+	71	20	4	0	0	0	21.10	8.23	3.71	20		.0	0	22	12	9
KWAJALEIN MISSILE RND		R	85.0	76.9	81.0	-.6	86	21+	73	10	0	0	0	0	5.69	- 3.54	1.12	10		.0	0	12	5	1
LELE I. KUSAIE			86.7	75.0	80.9	-.7	90	17+	72	5	2	0	0	0	26.51	4.77	5.42	19		.0	0	23	12	9
MAJURO WSO AP		R	83.7	75.2	79.5	- 1.6	86	1	73	30+	0	0	0	0	13.95	2.07	1.86	11		.0	0	20	12	5
METALANIM			85.4	79.6	82.5		89	3	72	25	0	0	0	0	33.28		4.30	30		.0	0	24	20	11
MOKIL ATOLL																				.0	0			
NGASANG, BABELTHUAP																				.0	0			
PONAPE WSO		R	85.5	73.6	79.6	- 1.0	89	25+	69	31	0	0	0	0	33.35	17.40	7.19	30		.0	0	27	16	12
SATAWAN ATOLL																				.0	0			
TRUK, MOEN I. WSO AP		R	85.9	76.4	81.2	-.1	88	28+	74	24+	0	0	0	0	9.99	- 3.93	1.19	17		.0	0	20	8	1
WOLEAI ATOLL																				.0	0			
YAP WSO AP		R	86.2	73.6	79.9	- 1.1	88	30+	70	21+	0	0	0	0	10.93	1.05	2.15	21		.0	0	21	8	2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

5

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1975

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KAUNAKAKAI 536		.02															.02															
KEONELELE PENS 551	A	.00																														
KLALAPU 534	A	.21								.04							.01															
MAUNALOHA 511	A	.99	.82	.02	.12												.05														.02	.10
MOLOKAI AP 524		.02				T	T			.02	T	T		T	T	T																
PUU O HOKU RANCH 542.1		.74	.12	.17		.11				.24							.01		.01													.08
WAIKOLU 540	A	1.53	x	.84	x	x	x	x	x	x	.29	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.40	
ISLAND OF LANAI																																
KANEHUU 690	A	.92	x	x	x	x	x	x	x	x	x	.20						.72														
KAUNALANALU HARBOR 658	V	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.95															
LANAI AIRPORT 656	A	1.09	x	.15	.01	.01	x	x	x	.02	.14	.01	x	x	x	.10	T	.01						.01							.10	.53
LANAI CITY 672	A	.48	x	x	x	x	x	x	x	x	.11	x	x	x	x	x	x	x	.10												.27	x
LANAI LALE 684																																
MAHANA 694	A	1.55	x	x	x	x	x	x	x	x	.37	x	x	x	x	x	1.18															x
MAKAHA 676	A	.08	x	x	x	x	x	x	x	x	.05	x	x	x	x	x	.04															x
MAKAHAU 685	A	.28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.22	x	x	x	x	x	x	x	x	x	x	x	x	x	.07	
ISLAND OF MAUI																																
MAUI 252	A	1.26	.87								.01	.15					.10			.14										.22	.03	
HALEAKALA 8 E S 434	A	.39	.01	.06	.03	.01	.02																									
HALEAKALA RANCH 432	A	.27	x	.11							.16																					
HALEAKALA 45 338	A	.32	T	.06	T	T	.05				.04	T					.17	T	T												T	T
HALEAKALA SUMMIT 338.4	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HALI'IMAILE 423	A	.42	x	.05	.08							.22			x	x	.01	.05														.01
HAKAUPOKO 485	A	.91	.27	.10				.09	T		.10			.03	T		.06	.14													.03	.01
HANA 354	A	1.50	.74	.08						.04	.34	.04		.02	.01	.13				.04												.03
HANA AIRPORT 355	A	3.00	.24	.62	T	.33	T				.10	T		.05	.05	.56			.13		.03			.02	.02							.03
HANALEI 281	A	2.61	.34	.68	T	.07	.52	.04		.05			.08		.05	.02	.01	.10			.02	.01									.03	.01
HOLUA CABIN 259.5	A	.98	x	x	x	x	x	x	x	x	.90	x	x	x	x	x	.08															x
HONOKAHU 480	A	9.94	6.52	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.42	x	
HONOKAHU 493	A	.44	.20	.02			.14				.12	x	x	x	x	.01		.04														.01
HONOMANU GULCH 341	A	10.68	9.10	x	x	x	x	x	x	x	.12	x	x	x	x	x																1.98
KAAHAPALI AP 453.1	A	.26									.21			T		.01		.04														
KAHOMA INTAKE 374	A	1.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.40	
KAHULUI WSO 398 AP	A	.01	T	T	T					.01				T																		
KAILILI 436	A	14.33	10.75	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KAILUA 446	V	3.93	1.23	.46	.07	.01	.41	x	x	.04	.34	x	x	x	x	x	.06	.23														.75
KAILUA INTAKE 375	A	3.31	2.45								.10						.18							.43		.07						.15
KEANUA 410	T																															
KEANUE 346	A	16.90	14.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	T	
KEANUAPU BEACH 260.2	A	.15	.01								.10						.01															2.70
KIHEI 311	A	.23	.16								.02																					
KIPAHULU 258	A	2.93	.52	1.45		.10					.12		.03	.02		.15	.10					.07						.12			.30	
KULA HEIGHTS 323.2		.08																														
KULA SANATORIUM 267	A	.19	.01	.07	.01	T					.03	T					.08													.01		.05
LAHAINA 361	A	.13					.02				.06						.05															
LAUNIPUPO INTAKE 376	A	.40	x	x	x	x	x	x	x	x	.12			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
LAUNIPUPO VILLAGE 372	A	.12																														.40
LUPU UPPER 442	A	16.20	13.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.00	
MAHINAHINA 466	A	.30									.25						.05															
MAKALELE FIELD 60 497	A	2.43	1.86	x	x	x	x	x	x	.42	x	x	x	x	x	x																
OLINDA 332	A	3.23	x	x	2.76	x	x	x	x	x	.14	x	x	x	x	x	.19							.07	x	x	x	x	x	x	.06	.02
OLOWALU 296	A	.06									.06																					.07
PARKER 350	A	5.02	.53	1.05	.11	.08	.32	.07		.04							1.18	.11	.27	.50			.01	.09	.04	.06				.12	.07	.19
PAIA 406	A	.11	.02	.02						.12	.02	T	x	x	x	x	.01		.03													
PANILEI HULU 259.2	A	3.50	x	x	x	x	x	x	x	x	.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.50	
PONAHAKA BRIDGE 307.2	A	8.50	x	x	x	x	x	x	x	x	.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	8.50	
POLIPOLI SPRINGS 267.2	A	8.50	x	x	x	x	x	x	x	x	.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	8.50	
PUNOHAKA 2 343	A	22.60	20.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.60	
PUNENE 386	A	.06	.05								T																					
SPRECKELSVILLE 400.2	A	.03									.03																					
TWIN GATES 261.3	A	.00																														
UKULELE 333	A	.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.50	
UKUPAHE 301	A	.01									.01																					
ULUPAKUA RANCH 250	A	.24	x	x	x	x	x	x	x	x	.24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
WAIKULU 364	A	.22						.08			.07						.07															.09
WAIKULU CAMP 484	A	.21	.84					.37			.37						.10															

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1975

STATION	TOTAL	DAY OF MONTH																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HAWAII																																				
KEARU 92	A	8.44	.78	.08	2.35	.40	.14	.01		.15	x	x		.31	x	.09	.40	.32	.86	.27	.88	.27	.05	x	x		x	x	.01		.04	.91	x	.11		
KIDILAKA A & F 6	A	8.43	x	x	x	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	.01	x	x	x	x	x	x	x	8.43		
KIPA 89.2	A	12.86	.53		1.22	1.27	.16	x		.36		.03	.03	x	x	3.57	.57	.95	.35	.24		x	x		.01	x	.02	x	x	1.69	x	1.86		.08		
KOHALA MISSION 175.1	A	2.73	.40	.05	.74	.20	.08	.07		.02	T	.65			.05	T	.01	.19	T	.01		x	x	x		x	x	x	x		.02	.02				
KOHAKE LOWER 196	A	1.91	x	x	x	x	1.06	x	x	x	x	x	.18	x	x	x	x	x	x	.58	x	x		x	x	x	x	.09	x	x	x	x				
KONA (KAUAI) 68.3	A	1.10	.21			.15				.01							.44			.29																
KONA VILLAGE 93.8	A	.00																																		
KUKIAHU 222	A	2.35	.06		.49	.43	T	.03		.12	T		.60	T			.02	.02		.12	.26	T	.01						17	T		.20				
KUKIHALE HIC 199	A	1.96	.15	.11		.17	.46	.14		.38							.08	.15	.06																	
KUKIHALE MILL 206	A	1.13	.05	.02		.15	.16	x		x	.05		.07				.04	.20	.12	.07																
KULANI CAMP 79	A	2.56	.18	.27	.05		.08							.15	.19	.75	.16	.31	.12	.01								.02	.03	.22	.01		.01			
KULANI MAUKA 76	A	.82		.10	.02										.18	.10							.05													
KULANI SCHOOL SITE 78	A	2.04	x	x	x	x	x	.50	x	x	x	x	x	x	x	x	x	x	x	x	1.27								x	x	x	x				
LAWAHI 68.2	A	4.74				1.32	.26	.07		.08	.08					1.77	.48	.33												.20			.14			
MAKAHALA 103	A	.18				.18																														
MAUKA 2	A	.53	.10	T	.01	T			T					x	x	.03			.20									T	x	x	.10	.10	x			
MAUNA KEA OBS 111.2	A	.34	.16	T		.16	.01								.01	.07																				
MAUNA LOA SLOPE OBS	A	3.80	2.46	x	x	x	x	x	x	.53	x	x	x	x	x	.22	x	x	x	x	x	x		.60	x	x	x	x	x	x	x	x				
MIDDLE MAUKA 68.1	A	.54	x	x	x	x	x	x	x	.50				x	x	x	x	x	x	x	x	x											.04			
MIDDLE PEN 147.1	A	.00																																		
MAUNA 18	A	7.94	.84	.01	.86	1.33	.38	.04		.38			.03	.01	.32	.26	.70	.48	.88	.30	.21				.08		.05		.52		.14					
MOUNTAIN VIEW 91	A	7.91	5.30	.38		.43	T	x	x	.15			.01	x	x	1.27	T	.25	T								T	x	x	.12						
MALEHU 14	A	4.17	2.77	x	x	x	x	x	x	.30	x	x	x	x	x	.13	x	x	x	x	x	x		52	x	x	x	x	x	x	x	.45				
NAPOOPOO 28	A	5.93	.25	T	1.32	1.91	T	.01		.13	T	.06	.38		.16	.46	.01	.38	.38	.27	T										.21	T	T			
OBALA 223	A	1.91				.03	T		.10	.03	T				.66	T	T	.28	T	T																
OPTIHALE 2 24.1	A	5.62	x	x	x	x	x	x	x	x	x	3.38	x	x	x	x	x	x	x	x	x	x														
ORCHID LAND EST 91.5	A	1.08	.05			.20	.11		.12	T	.08		.01	x	.01	.13	.33	.01			.20	x	x	x	x	x	x	x	.04	x	x	x	x			
PARAHU 217	A	1.73	.05	T	.09	.42	T	.03		.12	T		.64	T		.01	.02	.04	.18	T										.13	T					
PARUL 221	A	4.85	2.32	.85		.14	.01	x	x	.12	.07		.01	.22	x	.46	.03													.12			.57			
PAHALA 21	A	6.77	.57	.18	1.46	.58	.15	.02		.28	.11		.28	.25	.20	.55	.40	1.00		.10					.06	.10		.10		.27		.10				
PAHIA 65	A	4.00	x	x	x	x	x	x	x	x	x	.11		x	x	x	x	x	x	x	x	x					x	x	x	x	x	x	4.00			
PAKAO 37	A	14.42	.18		6.51	2.68	.36	x	x	.27		.01	x	x	1.69	.18	.39	.02	.01														1.20			
PAPAIKUBU 144.1	V	13.41	.54	.03	1.90	2.87	.14	x	x	.43		.02	.01	x	x	2.07	.54	1.27	.08	.26							.01					1.44				
PAPAIKUBU MAUKA 140.1	A	12.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x											12.60			
PITIHONUA 89	A	.11																																		
POHAKA 220.6	A	.37				.11			.02	T	.14				T	T																	T			
POHAKULA 107	A	.11																																		
PUAKO 95.1	A	.17		.10																													T			
PUU KINE 120	A	1.98	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x											1.98			
PUU LAHU 102.1	A	1.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x											1.50			
PUU LEHUA 73	A	.11																																		
PUU MALI 113	A	1.73	.16	.94	.08			x	x	.31		.13		x	x	.08	.01																			
PUU MAHANA 94.1	A	7.73	x	x	x	2.30	x	x	x	x	x	x	.75	x	x	x	x	x	4.55	x	x	x	x	x	x	x	x	x	.17	x	x	x	x			
SADDLE ROAD 1 84	A	1.95	x	x	x	x	x	.12	x	x	x	.10	x	x	x	x	x	x	x	.61	x	x											32			
SOUTH POINT CORRAL 3	A																																			
UMIKO 118	A																																			
UPPER POINT USCG 159.2	A	3.31	.14	.02	1.55	.08	.19		.01	.05			.02	T			.65	.13	.62	.30	.03	.30									.02		.91			
WAIAKOA SCD 88.2	A	8.55	.32	T	1.40	1.96	.53	T	.31				.02	T															.01	.03	.58	.12	.08	.19		
WAIKALOA-8015 CAS 95.8	V	1.43	.85		.04			x	x	.73	.18		.01	T		T																				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
* * *																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND	.02			.01																														
PAGA ALU RESERVOIR	13.16	1.70		2.50							1.76							.30		.35						.01								
FALEASAO VILLAGE	18.75	T		.45					.85	.92	.02	.06	1.02	2.64	.05	1.38	1.01	2.03	T	2.28	2.01	1.06		.45	.15	.18	T	.50	.38	.35	.06	.02	.62	
JOHNSTON WSO AP	.52	.02	T		T				.05	T	T	.04		.04	.03		.03	T	.04		.07			T	.08		T	.04	T	.03	.03	.02		
LEONE	13.96		1.25	.95		1.40	.15	1.40	.92				1.20	.16			1.46		.41		.78	1.05	.89		.12	.11	.40	.42	.31	.50	*	*	.08	
FRENCH FRIGATE SHOALS	1.33							.10		.03	.02	.05	.01	.03	.02	.25	.02							.12					.13		.06	.01	.48	
MIDWAY SAND ISLAND																																		
PAGO PAGO WSO AP	14.15	.01	.43	1.59		.62	.62	2.57	1.56	.42	.20		.59		.41	1.49		.09		.27	.26	.69	.51		.18	.22	T	.06	T	.05	1.18	.05	.08	T
SWAIN ISLAND																																		
* * *																																		
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM	3.93	.08	.24	.26	.08	.16	.61	.09	.10	.02	.24	.01	.02	.06	.45	.06	.23		T	.15	.07	.02	T	.01	.09			.02	.79	.05				
CLARK AFB LUZON	4.28	T				.07	.20	T	.02	.03			T				.01	.01	.18	.86	1.24			T		.43	.61	.23	.31	.08				
GUAM NAS																																		
GUAM WSOB	6.42	.07	.36	2.27	.07	.38	.70	.20	.11	.02	.14	.01	.02	.25	.58	.03	.06	.02	.01	.12	.08	.05			.19			.63	.05			T		
MANGILAB	4.68	.01		1.00	.20	1.10	.13	.17	.08	1.10	.01	.03		.12	.08		.01	.16	.05	.02		.07		.02	.01			.06	.03	.17	.05			
ROTA																																		
SAIPAN USCG LOBAN	5.22			.03	.35	.85	.15	.10	.17	.03	.31	.05	.01	.04	.42	1.02	.16	.16	.15	.15	.06	.30		.09	.13			.08		.08			.33	
WAKE WSO AP	6.87	.01	.21	.08	.02	.11	.73	.57	1.25	1.08	.09	2.63		.02	.03	.02	T	T						T									T	
* CAROLINE AND MARSHALL ISLANDS																																		
ANGUAD	14.45	.32	2.53	.26					.95	1.33	.57	.32	.46	1.01	.45	.12	.18	.05	.14	2.10				.36	.34	.70		.05	.03	.33	.28	.53	.42	.62
ENIWEATK	2.06		.33	.07				.02	.01		.10	.01		.03	.03		.01						.32				.61		.27					
FALALOP I. ULITHI																																		
KAPINGAPARANGI ATOLL																																		
KOROR WSO	21.10	.31	2.29	1.11	.41	T	.01	.35	1.19	1.66	.23	.05	.23	1.75	.78	.32	.32	.07	1.64	1.20	3.71	.01		.06	.11	.89	.16	.56	.13	T			1.55	
KURJALEIM MISSILE ANG	5.68	.31	.05	T		.81	.03	.03	.02	.64	1.12	.19	.11	.01	.18	.04	.16	.01	T	.02	T	T		.57	.72	.24	.37	.01			T	.05		
LELE I. KUSAIE	26.51	.27	.23	.23	.25	3.29	.02	.33	.95	.17	1.03	.38	2.13	.01	1.34	.05	.02	.75	.03	5.42	1.23	1.55		.20	T		.25	.15		.78	2.36	.21	2.88	
MAJURO WSO AP	13.95	.65	.03	.20	.61	.65	1.08	.08	1.47	.57	.58	1.86	.24	.05	.28	T	.03	.23		5.42	1.23	1.55		.31	.15	.89	.24	.01	.18	.95	.03	1.26	1.31	
METALANIM	33.28			.50	2.40	1.10		3.00	2.60	3.40	1.00	.14	.90	1.68	.50	.16	.74	3.40	.10	2.29	.94					.50	.53		.10	.65	.59	4.30	1.76	
MOKIL ATOLL																																		
NGRASANG, BABEL THURP																																		
PONAPE WSO	33.35	.83	.13	1.12	1.99	1.79	.30	.41	2.32	.86	.39	.44	1.16	1.17	.40	1.12	.48	3.75	1.80	.33	.52	.02		.09	.38	.42	.01	.92	.32	1.62	.01	7.19	1.06	
SATAWAN ATOLL																																		
TRUK, MOEN I. WSO AP	9.99	.43	.72	T	.14	.08	.20	.09	.65	.45	.92	.62	.10			.99	.29	1.19	.54	.47	.47	.02	T	.03	.72		.13	.21	.35	.12	.06	T		
WOLEAI ATOLL																																		
YAP WSO AP	10.93	.76	.88	.68	.66	.16	.11	.02		.02	.04		.16	.47	.14	.06	.69	1.31	.39	.14	.20	2.15		.10	.24		.14	.28	.83	.30				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
DECEMBER 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHULU 1075	MAX MIN	60 46	66 45	66 46	66 43	68 50	67 42	67 44	58 45	59 48	58 48	60 44	63 45	63 48	67 55	69 51	66 50	65 55	65 45	63 39	70 38	66 40	65 53	65 45	65 41	66 41	66 44	64 49	66 47	65 49	60 47	65 46	64.5 46.1	
KILAUEA POINT 1133	MAX MIN	78 69	77 70	78 72	80 71	81 73	78 70	79 69	82 68	72 66	73 62	75 64	76 67	76 67	73 67	80 71	77 69	77 68	77 68	77 68	79 68	79 68	77 67	79 67	78 67	79 69	78 69	76 66	78 68	77 69	74 68	77 69	77.3 68.4	
LIHUE WSO 1020-1 AP	MAX MIN	80 73	80 71	81 76	81 70	81 73	80 68	79 67	78 63	77 61	76 59	81 64	77 62	77 68	80 72	80 74	79 71	79 67	79 66	79 67	79 67	82 66	79 66	80 64	79 64	79 64	79 64	79 64	79 64	79 64	79 64	79.2 67.8		
MAKAHUEA POINT 940.1	MAX MIN	87 70	85 66	83 69	82 70	82 70	80 70	84 70	83 65	83 63	80 60	81 60	83 61	74 64	75 65	82 66	81 71	78 72	78 67	80 66	80 60	78 70	82 66	84 64	84 68	82 67	79 67	82 69	84 69	83 65	84 68	83 68	81.4 66.6	
MANA 1026	MAX MIN	85 65	84 65	84 63	82 64	83 63	84 65	83 66	83 65	77 63	76 66	75 65	81 62	79 61	77 66	82 65	82 64	82 63	83 63	83 60			84 60	83 59	83 58	84 58	85 58	83 58	84 58	81 59	81 58	84 58	82.0 63.4	
NIU RIDGE 1035	MAX MIN	80 62	79 62	80 63	79 62	79 62	78 62	79 63	80 61	78 58	72 58	70 56	79 61	75 63	76 63	78 68	79 69	79 69	79 69	79 69	79 69	78 68	79 69	79 69	79 69	79 69	79 69	79 69	79 69	79 69	79 69	79.0 61.2		
WAIAMI LOWER 1054	MAX MIN	78 65	80 63	80 65	78 60	78 64	78 58	77 56	78 56	77 53	77 50	77 50	77 50	72 62	82 64	82 64	79 64	77 65	83 61														78.7 58.7	
ISLAND OF OAHU																																		
ALOHA STADIUM-HALAWA	MAX MIN	82 66	80 66	81 66	83 67	82 67		83 63	77 58	78 58	75 58	79 61			79 65	80 71	80 65	80 64	78 62				80 62	80 62	80 52		82 61			81 60	79 65	78 63	79.9 63.3	
B Y U LAIE 903-1	MAX MIN	82 61	82 67	82 74	82 72	81 72	81 62	80 63	82 61	78 61	78 58	79 58	80 59	75 69	80 58	79 72	79 71	80 70	80 64	81 71	81 65		84 63	83 62	80 60	80 60	80 60	81 60	80 63	78 60	78 65	83 63	80.2 64.6	
EWA PLANTATION 741	MAX MIN	82 64	82 64	83 65	83 65	83 66		82 60	78 55	77 55	78 56	79 56			76 64	82 65	80 66	80 62	80 61				82 60	82 59	80 58		83 58			83 59	81 63			
HONOLULU WSO 703 AP	MAX MIN	84 67	83 67	84 69	84 70	83 70	84 64	81 66	80 64	79 56	79 58	80 57	76 66	77 70	78 68	83 63	82 71	82 69	81 63	82 63	82 63	80 63	80 63	81 63	81 62	81 62	81 61	81 60	81 60	81 60	81 60	81 60	81.1 64.9	
HONOLULU SUBSTA 704	MAX MIN	81 70	81 69	81 69	80 71	78 68	78 68	81 69	77 68	78 68	77 66	76 66	75 66	72 67	72 72	79 70	78 69	78 69	78 67	78 71	76 68	80 67	79 68	80 68	80 68	78 68	78 68	79 66	78 70	77 69	78 68	78 68	78.4 58.8	
KANEHE MAUKA 781	MAX MIN	79 68	78 70	78 70	78 70	79 66	81 64	80 70	77 64	77 63	77 63	78 64	73 62	75 69	74 70	77 70	78 68	79 68	78 69	78 67			80 67	81 68	81 67	80 67	78 67	80 67	83 67	79 65	77 66	75 67	78.3 67.3	
LUALUALEI 804	MAX MIN	81 63	85 66	82 65	81 66	81 69	79 60	79 61	79 59	74 56	76 56	77 56	72 61	72 66	72 64	79 66	80 68	81 61	79 63	81 63	81 60		81 60	79 59	80 57	78 58	79 58	78 57	78 58	78 57	78 57	78.7 61.8		
MANDA LYON ARBORETUM	MAX MIN	80 64	79 65	82 65	79 67	78 66	77 64	80 63	83 61	78 54	77 56	76 56	79 56	73 62	73 66	74 66	77 65	78 65	79 63	78 63	76 62		82 60	81 60	80 59	80 60	81 60	81 60	81 60	81 60	81 60	78.5 61.7		
OPAEULA 870	MAX MIN	80 62	80 62	80 65	80 65	79 65		85 64	72 57	77 56	77 59	75 60			73 69	79 68	75 64	73 58	82 58				82 57	78 59	77 57		83 57			81 56	76 61			
PRI WAIHANA 820-2	MAX MIN	78 60	80 60	83 62	80 63	78 64	78 60	80 60	83 57	72 55	75 54	74 53	77 53	70 61	68 64	74 61	78 62	77 64	78 59	78 56	77 56	78 56	81 57	80 56	78 55	80 55	80 55	80 54	78 56	82 55	79 55	78 58	77.6 58.3	
WAIALEE 896-3	MAX MIN	79 67	78 67	76 69	79 69	77 70	77 64	77 66	75 65	77 67	76 65	79 64	75 64	75 69	77 69	77 72	76 72	76 71	76 67	76 66	77 65		79 64	81 65	78 62	78 62	77 62	77 63	76 62	77 62	78 65	76 65	77.2 66.3	
WAIALUA 847	MAX MIN	85 62	84 63	83 63	80 63	84 60	82 64	83 60	83 58	75 64	78 56	78 57	80 60	75 62	75 60	77 63	82 62	80 63	79 59	79 57	80 58	82 58	82 58	81 57	81 57	83 57	82 57	81 57	82 56	85 59	80 60	80 62	80.7 59.8	
WAIKIKI 717-2	MAX MIN	83 65	84 65	85 65	84 67	83 66	82 60	83 63	83 62	80 55	79 56	81 58	80 58	75 68	75 67	76 67	82 68	81 68	81 61	81 60	83 60	81 61	82 61	82 61	81 60	82 59	82 58	82 58	82 61	82 65	81 60	82 63	81.3 62.4	
WAIMANALO EXP FARM	MAX MIN	80 65	80 70	80 70	80 72	81 70	81 70	80 67	81 65	80 58	78 57	78 60	79 66	75 68	75 70	78 72	78 70	79 67	78 66				79 62	80 63	80 63	80 62	80 62	80 62	80 62	80 64	79.1 66.0			
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN	83 61	82 64	84 66	85 65	85 65	84 64	80 68	82 63	82 60	78 58	78 59	81 63	81 63	75 64	78 65	88 67	82 66	81 61	80 60	82 64	80 62	82 60	83 60	81 61	83 61	79 61	81 60	81 60	79 58	84 62	82 62	76 62	81.3 62.4
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN	74 64	75 63	75 64	75 66	73 65		76 62	75 65		73 63	73 59			76 65	73 65	73 61						75 59	76 60	75 64					75 61	72 64			
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	61 39	60 41	61 44	59 40	62 41	65 45	67 48	63 48	58 42	57 38	57 41	59 42	61 49	60 49	59 49	60 49	61 41	62 41	60 40	67 49	65 52	67 44	67 40	64 42	65 43	68 41	66 41	63 35	61 36	59 40	55 38	61.9 42.8	
HALEAKALA SUMMIT 338-4	MAX MIN																																	
HANA AIRPORT 355	MAX MIN	79 60	77 59	79 71	78 70	79 66	78 65	78 68	79 61	80 65	78 60	77 59	80 60	78 73	79 71	77 70	78 71	79 67	78 62	79 66	79 63	79 65	79 64	80 65	79 70		79 67	80 67		80 69	78 65	78 65	78.7 66.4	
KANAPALI AP 453-1	MAX MIN	82 63	79 64	81 64	81 65	81 60	80 61	81 64	80 69	80 61	76 64	78 63	79 68	80 69	77 64	79 61	81 71	79 64	79 61	80 61	79 60	80 61	82 61	78 62	79 64		79 60	78 62	78 62	79 61	79 62	77 63	79.2 63.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
DECEMBER 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAHULUI WSO 398 AP	MAX MIN	81 63	84 66	83 66	82 64	81 69	81 60	80 66	79 63	81 62	80 60	81 59	80 64	78 70	81 69	82 69	82 71	82 68	80 58	81 59	80 66	82 58	81 62	82 59	82 60	83 61	82 59	80 61	83 65	82 62	80 63	79 62	81.1 63.4	
KAILUA 446	MAX MIN	80 64	77 65	76 65	77 66	77 64			79 66	82 61	79 59	79 65	79 68			75 68	75 68	75 63	75 60	75 60			78 63	78 67	78 69					76 60	78 61	73 61		
KEAWAKAPU BEACH 260.2	MAX MIN	84 66	85 70	82 69	83 65	84 64			85 69	81 72	80 71	80 62	79 69	80 73	81 69	83 63	83 61	82 58	82 60	84 58	82 60	80 62	84 62	84 60	83 60	82 60	81 62	81 60	83 60	81 60	83 60	81 62	79 61	82.0 64.0
KULA SANATORIUM 267	MAX MIN	72 57	69 58	71 60	70 59	72 58	71 57	72 58	70 56	70 57	66 56	69 57	73 57	70 62	68 61	70 59	70 56	69 57	69 54	70 54	69 53	69 53	71 54	72 52	70 52	68 53	68 52	69 53	69 55	70 55	65 52	69 53	69.7 55.8	
LAHAINA 361	MAX MIN	85 65	83 66	84 66	84 66	84 63	83 65	82 65	79 69	81 62	81 64	80 65	77 65	84 69	84 68	83 65	82 64	81 63	81 63	83 63	84 63	83 63	81 64	82 64	82 62	81 62	82 63	84 63	83 63	82 65	80 65	81 64	82.2 64.9	
MAILUKU 386	MAX MIN	86 63	79 68	81 69	79 69	78 68			79 63	81 63	84 60	82 61	82 62			81 68	80 68	79 67	79 65	78 63			84 60	80 64	85 65		80 61			80 61	79 66			
ISLAND OF HAWAII																																		
HAWAII VOLCNS NP HQ 54	MAX MIN	66 53	69 52	69 54	65 53	65 53	68 50	70 49	72 51	70 48	69 50	69 53	61 53	66 55	67 54	61 54	66 53	65 52	60 51	67 49	66 49	65 46	72 44	68 48	68 45	67 47	64 49	66 46	67 52	63 48	65 54	67 46	66.5 50.2	
HILO WSO 87 AP	MAX MIN	81 68	82 65	77 69	79 65	80 65	80 64	81 61	82 63	76 64	78 65	81 66	80 68	81 71	80 70	80 69	80 69	76 63	78 57	80 61	80 62	82 59	82 65	82 66	81 63	81 65	80 63	79 64	79 62	80 63	80 63	80.0 64.4		
KAINALIU 73.2	MAX MIN	79 60	77 60	77 62	77 60	76 60	76 61	75 53	75 60	76 59	73 58	75 56	77 62	74 65	77 65	77 62	76 60	78 59	74 58	75 55	75 57	75 57	76 58	77 60	75 58	76 58	76 58	74 58	74 58	75 60	74 59	75.7 59.4		
KAMUELA 192.2	MAX MIN																																	
KEARU 92	MAX MIN	78 64	80 64	79 64	77 66	78 65	78 64	78 62	80 62	82 61	76 63	77 62	79 65	78 69	83 67	77 67	78 66	79 66	76 58	78 56	78 60	78 61	81 61	81 60	80 64	79 62	78 62	79 60	79 63	78 61	79 61	82 61	78.8 62.8	
KOHALA MISSION 175.1	MAX MIN	76 65	77 64	78 66	76 67	76 65	76 62	76 61	78 65	80 65	75 62	77 60	79 62	78 67	77 68	77 68	76 68	76 65	76 61	76 63	76 64	76 61	79 62	78 63	78 61	77 61	76 60	76 60	77 60	76 63	78 62	76.9 63.3		
KONA (KAILUA) 68.3	MAX MIN	85 68	81 70	82 67	81 66	82 66			82 68	80 68	78 65	81 66				83 68	81 68	82 67	81 65	80 65			81 64	83 67	82 67		80 65			80 66	81 68	80 68		
KULANI CAMP 79	MAX MIN	61 47	65 45	62 51	63 49	59 44	64 41	65 40	68 41	70 41	66 45	64 43	64 47	63 52	65 51	65 52	60 49	59 51	57 35	61 46	62 42	63 44	69 49	68 49	62 44	65 44	63 35	62 38	63 47	59 47	59 47	60 43	63.1 45.1	
MAUNA LOA SLOPE OBS	MAX MIN	46 30	43 32	42 32	43 29	48 32	49 32	45 31	49 32	47 33	47 32	47 34	47 34	46 33	42 31	43 30	49 34	46 32	46 29	47 32	47 34	49 31	46 30	49 32	49 34	52 32	51 36	51 34	48 31	47 29	41 29	42 28	46.6 31.7	
MOUNTAIN VIEW 91	MAX MIN	74 59	77 58	75 58	72 62	73 59	77 57	77 57	77 57	79 57	74 57	74 57	74 59	76 62	76 62	76 62	73 62	75 61	69 52	74 52	77 54	77 54	77 54	77 54	76 57	76 57	76 55	76 57	76 55	73 55	75 55	75.3 57.4		
NAALEHU 14	MAX MIN	80 63	78 67	80 66	78 67	77 64			78 63	80 62	82 64	79 63	78 64			78 65	77 66	78 64	74 62	78 64			79 64	79 66	79 66		79 63			79 62	78 64			
OOKALA 223	MAX MIN	78 66	76 64	77 65	72 66	77 66	74 64	76 64	77 64	78 63	71 63	76 62	80 62	78 66	79 66	75 66	78 67	76 65	78 61	76 64	76 64	77 64	77 63	78 63	77 63	78 64	76 63	77 64	77 64	76 63	78 63	76.6 64.0		
OPIHIHALE 2 24.1	MAX MIN	81 59	82 57	80 59	81 58	78 59	78 59	79 61	77 58	74 54	79 54	79 59	82 61	79 63	76 60	79 58	80 56	76 55	77 55	76 55	78 55	78 56	79 55	76 55	78 55	75 55	75 54	76 56	74 57	75 57	76 56	77.8 57.1		
PAHALA 21	MAX MIN	80 62	79 61	79 61	77 61	77 60			79 59	77 60	80 60	79 60	76 63	78 66	77 63	77 61	77 63	73 57	78 59				78 59	79 60	77 61		77 60			77 56	78 57			
PUAKO 95.1	MAX MIN	83 64	82 64	80 66	83 64	82 67	81 66	83 67	80 64	81 65	73 59	78 60	79 60	79 65	78 67	78 69	83 71	82 67	81 63	81 65	81 61	79 63	80 62	80 62	81 62	79 61	79 62	79 63	78 63	81 68	78 63	77 62	80.0 64.1	
UPOLO POINT USCG 159.2	MAX MIN	78 68	79 69	81 69	79 68	79 68	77 66	77 67	81 69	80 67	75 69	78 64	81 69	79 72	79 70	79 70	80 69	79 67	77 65	77 66	77 66	78 67	78 67	80 67	80 67	80 67	80 66	79 66	78 67	80 65	79 68	78 68	78.8 67.5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
DECEMBER 1975

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	85 73		85 73	86 75	86 65	85 74	85 75	79 75	87 74	87 74	85 74	86 74	86 74	86 74	85 73	85 74	86 74	85 73	86 74	85 74	86 73	86 74	86 72		86 74	85 73		86 73	86 73	86 73	85.5 73.4	
JOHNSTON WSO AP	MAX MIN	81 73	82 77	82 77	82 77	82 77	82 76	82 72	81 75	80 72	78 70	81 73	82 74	82 72	81 74	81 72	81 73	81 74	80 75	80 73	78 72	81 75	80 73	80 72	81 76	80 75	79 73	81 72	80 73	81 73	80 73	81 74	80.7 73.8
LEONE	MAX MIN																																
FRENCH FRIGATE SHOALS	MAX MIN	79 71	80 71	80 71	81 73	81 73	82 71	81 72	79 56	73 68	73 66	74 65	79 67	77 66	77 69	78 69	80 70	82 70	82 70	81 67	81 67	79 71	79 69	78 69	79 71	81 69	79 71	74 66	77 68	76 70	79 71	75 71	78.6 69.0
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	87 73	87 71	84 72	84 72	83 73	84 71	83 72	86 74	84 75	85 75	85 74	87 72	88 74	86 74	85 74	85 72	86 71	84 72	86 74	83 73	85 74	85 74	86 74	86 80	87 78	86 75	84 73	86 71	87 72	85 74	86 74	85.3 73.5
SWAIN ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	85 77	85 76	81 77	81 77	81 76	82 75	82 77	82 76	82 77	81 75	81 76	81 77	82 76	82 76	82 77	82 76	83 76	82 77	82 76	82 75	82 76	82 76	82 76	83 77	82 77	82 76	82 77	80 77	83 77	81 75	81 73	82.0 76.2
CLARK AFB LUZON	MAX MIN	88 72	90 72	90 73	84 75	82 73	90 73	88 75	88 77	91 75	90 75	88 75	88 75	88 73	88 73	86 75	82 73	88 73	81 72	82 73	79 73	84 73	86 73	86 73	84 73	82 72	84 70	73 73	79 72	84 70	81 70	82 70	85.2 73.0
GUAM NAS	MAX MIN																																
GUAM WSO	MAX MIN	85 75	85 69	82 72	84 72	84 73	84 71	85 74	84 73	84 75	83 71	85 70	84 75	85 72	84 71	85 72	85 74	84 73	85 74	84 71	84 74	84 73	85 73	84 72	84 70	83 75	84 75	85 71	84 71	82 70	86 67	85 72.2	
SAIPAN USCG LORAN	MAX MIN	86 73	87 77	86 75	88 75	87 76	81 75	85 75	86 77	87 74	86 73	86 72	86 78	87 76	86 74	86 76	86 74	87 72	87 73	86 75	83 78	85 74	86 76	85 74	86 74	86 75	86 74	86 75	86 74	86 76	86 76	87 73	85.9 74.7
MAKE WSO AP	MAX MIN	85 74	83 75	85 73	84 75	85 74	80 70	78 68	76 68	79 71	79 70	78 69	83 75	84 74	83 71	84 74	84 72	84 74	84 74	84 74	84 74	85 75	83 74	85 74	82 71	84 73	84 72	82 74	85 75	84 74	84 74	84 71	82.8 72.8
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	85 76	82 74	84 76	85 78	85 75	86 79	84 77	86 78	85 77	85 72	85 76	86 77	84 77	85 76	84 76	86 75	85 78	84 75	84 75	84 75	85 77	84 76	85 76	85 76	85 76	85 74	85 76	85 77	84 76	86 77	84 74	84.7 75.9
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	90 75	90 74	90 74	81 74	88 75	89 77	89 75	89 74	86 74	88 75	89 74	88 74	88 75	82 77	87 75	88 76	89 77	88 75	88 79	88 79	88 79	88 79	86 74	86 76	86 76	85 78	85 78	85 77	88 78	90 76	89 75	87.1 74.9
KWAJALEIN MISSILE RNC	MAX MIN	85 75	86 77	85 80	86 80	83 75	86 76	86 79	86 76	82 74	84 73	84 75	85 78	85 77	85 77	86 77	84 75	85 79	85 79	86 79	85 79	86 79	86 79	84 76	84 76	86 76	85 76	85 78	85 77	85 78	85 76	85 79	85.0 76.9
LELE I. KUSAIE	MAX MIN	90 77	85 74	85 76	86 76	89 72	87 78	87 73	86 74	85 75	87 74	87 75	88 74	85 73	85 73	85 75	88 78	90 75	86 75	82 74	85 73	85 74	88 76	89 78	89 75	89 76	89 75	89 76	89 75	88 74	85 73	85 74	86.7 75.0
MAJURO WSO AP	MAX MIN	86 75	85 77	83 75	85 74	82 73	83 74	81 76	80 74	84 74	84 74	80 74	84 75	84 74	82 77	84 75	84 75	84 76	84 78	85 78	85 78	85 78	84 78	85 78	85 75	85 76	85 75	84 74	84 75	82 73	84 75	83.7 75.2	
METALANIM	MAX MIN	87 80	87 81	89 80	86 81	88 82	88 82	86 83	88 81	88 81	88 81	86 79	86 81	86 80	85 80	85 81	83 82	83 80	83 79	86 74	81 75	84 80	85 82	87 82	87 76	85 72	87 81	82 80	87 78	84 79	82 78	82 78	85.4 79.6
PONAPE WSO	MAX MIN	85 75	89 76	82 74	84 74	80 72	89 73	85 74	81 72	88 74	88 73	86 74	86 74	85 73	85 73	86 76	81 73	86 73	86 73	84 73	89 75	88 76	88 72	88 72	88 71	87 73	86 75	83 76	87 72	82 69	85.5 73.6		
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	87 77	83 75	88 77	85 77	86 78	86 77	87 77	86 76	87 75	87 75	83 74	86 75	86 77	85 77	85 80	84 76	84 76	84 76	86 76	85 76	86 79	86 79	87 76	86 74	86 77	87 77	85 75	88 76	87 75	86 76	86 78	85.9 76.4
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	87 73	82 70	86 73	87 74	87 73	87 76	87 77	88 78	87 72	87 75	87 74	86 72	86 74	87 74	86 74	86 74	86 74	86 74	84 75	84 70	86 72	87 75	84 75	85 72	87 75	86 73	86 71	87 76	88 74	87 72	86.2 73.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
DECEMBER 1975

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.23	.21	.24	.21	.21	.22	.19	.19	.11	.12	.21	.20	.00	-	.19	.22	.23	.18	.19	.18	.24	.15	.20	.15	.15	.19	.18	.11	.21	.15	.17	5.618
	WIND	154	107	87	175	172	129	81	73	87	76	77	105	67	79	75	183	200	131	96	72	140	82	97	78	78	89	81	90	148	91	72	3272
	MAX	80	81	82	82	80	81	80	82	76	76	73	76	79	78	76	81	78	81	81	80	79	80	80	80	80	79	80	80	80	80	81	79.4
	MIN	62	63	63	62	62	59	58	57	52	51	50	50	65	62	55	67	63	60	56	56	58	58	59	58	55	55	55	55	56	56	55	57.8
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.15	.15	.09	.00	.15	.15	.15	.15	.02	.15	.11	.13	.03	.39	.03	.19	.15	.16	.15	.15	.15	.10	.10	.15	.15	.07	.19	.11	.15	.10	.11	4.03
	WIND	15	19	19	18	22	16	17	21	25	26	25	24	12	18	12	34	29	22	22	16	19	17	15	21	18	23	22	16	23	17	21	624
	MAX	81	84	83	83	80	79	80	80	75	79	80	82	72	74	75	84	82	82	82	82	84	84	84	79	80	78	81	83	82	79	80	80.4
	MIN	62	63	64	64	62	58	58	60	60	64	63	63	66	70	68	66	65	64	63	64	63	64	60	61	57	57	59	64	64	63	65	62.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
DECEMBER 1975

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.24	.31	.32	.33	.29	.28	.37	.31	.51	.31	.32	.23	.20	.35	.29	.33	.32	.31	.23	.21	.29	.25	.26	.33	.35	.23	.27	.28	.27	.22	.25	9.06
	WIND	217	206	243	236	221	186	209	288	343	250	195	164	136	238	221	277	266	229	236	273	213	168	235	236	250	184	186	202	193	169	149	681.9
	MAX	82	83	83	84	83	84	84	81	77	73	82	87	85	82	80	81	81	82	78	78	84	84	82	83	82	83	85	83	84	83	86	82.2
	MIN	69	68	69	70	69	68	69	69	64	64	64	67	68	67	65	69	69	68	68	68	67	68	69	68	68	68	68	67	68	69	68	67.7
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.22	.22	.14	.11	.19	.24	.23	.13	.26	.25	.24	.16	.24	.29	.19	.13	.21	.27	.27	.22	.27	.29	.09	.23	.22	.24	.21	.18	.15	.16	.14	6.39
	WIND	-	169	51	71	130	152	130	110	154	76	91	105	137	145	137	150	104	145	188	176	175	134	108	115	122	145	178	95	86	57	17	3775.8
	MAX	83	83	78	83	85	84	85	85	84	84	86	85	84	84	85	85	85	87	83	83	84	84	85	85	87	85	86	84	80	90	89	84.5
	MIN	68	68	69	68	70	69	68	68	70	66	66	69	69	68	68	70	69	69	68	68	69	65	67	68	69	70	71	70	67	69	67	68.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAOH 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILILIULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600		7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUER 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUER POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		3A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAILAWA 943	9253	03	WAIMEA	3	21 55	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSFIT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)			
ISLAND OF OAHU														
HONOLULU WSO 703 AP	R 1319	02	HONOLULU	2	21 20	157 55	7	MID	MID					NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID					NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A					H S P A EXP STATION
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10							MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A					U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI					WAIHAOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A					KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75							GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID					BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A					STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A					KAMEHAMEHA SCHOOLS
KAWAIHAPA 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A					WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A					WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A					C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P					PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI					U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240							MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A					HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A					CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A					MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A					LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID					BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410							EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A					JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325							CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015							FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID					BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI					BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A					WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A					CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID					BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID					BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A					WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A					PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20							MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A					NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900							JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A					REV R CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40							SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000							BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A					R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A					DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A					W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A					WAIALUA SUGAR CO. INC.
WAIHAOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A					WAIHAOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A					SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A					WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A					WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A					BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40							MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO					WAIHAOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI					WAIHAOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A					HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180							WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A					WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120							WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A					WAIALUA SUGAR CO. INC.
WAIPIAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A					OAHU SUGAR CO
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID					BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI														
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A					KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A					MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70							MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR					MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A					DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A					DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A					ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS PUU O HOKU RANCH MOLOKAI RANCH
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			
WAIKOLU 540	9404	01	MOLOKAI	1	21 08	156 55	3550		WI			
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
KAUMALAPU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A			
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525					BOB MCGRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HONOLUA FLD 49 494	A 1914	04	LAHAINA	4	21 01	156 38	125					
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAUAAULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KRAPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	3A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
LAUNIUPOKO VILLAGE 372A	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A			
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					MAUI LAND-PINEAPPLE CO KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD PIONEER MILL CO LTD KRAPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF MAUI													
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			C	KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO				HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A				PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A				ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A				PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A				WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A				WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO				E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR				EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A				WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A				WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C				HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			C	W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A				NAT HISTORICAL PARK
HAUNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A				HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A				MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO				HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO				KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO				MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A				HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A				K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A				REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO				STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A				CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040						SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A				SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A				MAUNA KEA SUGAR CO
HONOHU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A				MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO				STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO				STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A				HUEHUE RANCH
KAAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					C	KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A				CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700						RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A				KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A				FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR				HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI				PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A				PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A				PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		6A				MARY J FLEMING
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			C	DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI				HONOKAA SUGAR CO
KEAAU 92	3672	02	PUNA	2	19 38	155 02	285	8A	8A				PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700						KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450						GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280						STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO				STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI				MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A				K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI				HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A				KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A				LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A				HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A				HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A				ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI				MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI				ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615						STATE DEPT OF L&N RES
LANIHU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A				KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650					C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A				PARKER RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA LAUPAHOEHOE SUGAR CO
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600					
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395					MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY PARKER RCH-KAPAPALA DIV MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			
PAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	
PAUULO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			JORDAN RAMOS STATE DIVISION OF PARKS JANET P RAPP KUKAIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PUAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO BOISE CASCADES WA CONST KAHUA RANCH
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
=GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	10A	10A			USCG LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RNG	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I., KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I., WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

PRECIPITATION MEASURED IN STORAGE GAGES

								HAWAII 1975			
Station	Observation date	Amount since last obs.	Snow on ground	Station	Observation date	Amount since last obs.	Snow on ground	Station	Observation date	Amount since last obs.	Snow on ground
ISLAND OF KAUAI				ISLAND OF MAUI				ISLAND OF MAUI, Cont.			
MANAHEI TUNNEL 1055	1975			HAELAAU 477	1975			KUKUI 380	1975		
	JAN 31	19.00			JAN 26	8.00			JAN 26	42.00	
	FEB 28	27.60			FEB 23	19.00			FEB 23	54.00	
	MAR 31	10.20			MAR 29	12.00			MAR 29	42.00	
	APR 30	3.60			APR 26	9.00			APR 26	32.00	
	MAY 31	12.60			MAY 31	4.40			MAY 31	14.80	
	JUN 30	2.60			JUN 28	5.00			JUN 28	18.80	
	JUL 31	8.20			JUL 27	6.40			JUL 27	19.20	
	AUG 31	2.00			AUG 30	8.20			AUG 30	34.80	
	SEP 30	2.20			SEP 27	2.40			SEP 27	10.00	
	OCT 31	10.00			OCT 26	5.80			OCT 26	28.20	
	NOV 30	11.80			NOV 29	6.80			NOV 29	20.40	
	DEC 31	15.60			DEC 28	1.20			DEC 28	5.60	
TOTAL		125.40	TOTAL		88.20	TOTAL		321.80			
ISLAND OF KAUAI				ISLAND OF MAUI				ISLAND OF MAUI, Cont.			
N. WAILUA RIVER 1055	1975			HONOLUA FIELD 49	1975			MOKUPEA 475	1975		
	JAN 31	3.60			JAN 31	5.55			JAN 31	8.50	
	FEB 28	5.00			FEB 28	8.45			FEB 28	12.27	
	MAR 31	9.40			MAR 31	4.05			MAR 31	7.50	
	APR 30	8.00			APR 30	1.44			APR 30	3.65	
	MAY 31	2.00			MAY 30	1.68			MAY 30	1.61	
	JUN 30	1.80			JUN 30	1.20			JUN 30	3.60	
	JUL 31	3.40			JUL 31	2.07			JUL 31	3.44	
	AUG 31	6.20			AUG 30	2.51			AUG 30	7.44	
	SEP 30	1.40			SEP 30	.48			SEP 30	1.31	
	OCT 31	4.80			OCT 31	1.71			OCT 31	5.33	
	NOV 30	3.40			NOV 30	3.38			NOV 30	8.44	
	DEC 31	7.00			DEC 28	.67			DEC 29	1.18	
TOTAL		56.00	TOTAL		33.19	TOTAL		64.27			
ISLAND OF KAUAI				ISLAND OF MAUI				ISLAND OF MAUI, Cont.			
	1975				1975			PUU PAKI	1975		
	MAR 31				MAR 31				MAR 31	154.00	
	JUN 30				JUN 30				JUN 30	46.00	
	SEP 30				SEP 30				SEP 30	25.00	
TOTAL			TOTAL			TOTAL		257.00			
ISLAND OF KAUAI				ISLAND OF MAUI				ISLAND OF MAUI, Cont.			
	1975				1975			WAILUA IKI #6348	1975		
	MAR 31				MAR 31				MAR 31	52.00	
	JUN 30				JUN 30				JUN 30	50.00	
	SEP 30				SEP 30				SEP 30	38.00	
TOTAL			TOTAL			TOTAL		176.00			

LATE REPORTS

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station		Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Departure From Normal	Greatest Day	Date	Snow/Sleet			Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
											Max.		Min.						Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Ice	10 or More in Month	Less than 10	Less than 1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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See Reference Notes Following Station Index

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
										90° or Above	80° or Below	70° or Above	60° or Below											
PACIFIC																								
* * * JANUARY 1975																								
RTA														10.33					.0	0				
* * * FEBRUARY 1975																								
RTA														1.53		.54	4		.0	0			1	0
* * * MARCH 1975																								
RTA														*					.0	0				
* * * APRIL 1975																								
ANGUAR FRENCH FRIGATE SHOALS	80.2M	67.2M	73.7M	1.2	90	22	62	3		1	0	0	0	3.34	.18	.68	28		.0 .0	0 0		9	2	0
* * * MAY 1975																								
KAPINGAMARANGI ATOLL FRENCH FRIGATE SHOALS	88.3 82.0M	76.4 69.9M	82.4 76.0M	1.4	90 84	28+ 30+	72 64	3+ 15		4 0	0 0	0 0	0 0	3.13 1.03	- 1.29	.70 .20	23 13+		.0 .0	0 0		8 6	2 0	0 0
* * * JUNE 1975																								
GUAM NAS KAPINGAMARANGI ATOLL LELE I. KUSAIE MIDWAY SAND ISLAND SAIPAN USCG LORAN	85.4 87.5 86.5M 81.6 89.8	78.8 76.5 71.3M 72.7 74.4	82.1 82.0 78.9M 77.2 82.1	.3 - 2.1 1.5	87 90 89 85	29+ 11+ 27+ 29	77 74 61 68	24+ 27+ 26 17+		0 2 0 0 19	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2.07 7.47 17.70 1.46 3.15	- 2.84 - - 1.10 - 1.50	.34 1.50 2.28 .31 .53	13 15 10 6 2		.0 .0 .0 .0 .0	0 0 0 0 0		9 16 6 6 13	0 6 0 0 1	0 1 0 0 0
* * * JULY 1975																								
GUAM NAS MIDWAY SAND ISLAND WOLEAI ATOLL	83.7 84.3 87.9	77.4 75.0 74.2	80.6 79.7 81.1	- .8 1.9	87 88 89	1 15 28+	75 70 70	10 27 31+		0 0 0	0 0 0	0 0 0	0 0 0	9.66 3.48 8.20	.56 .02	2.93 1.22 2.00	26 19 14		.0 .0 .0	0 0 0		17 8 10	6 2 7	2 1 2
* * * AUGUST 1975																								
FAGA ALU RESERVOIR GUAM NAS MIDWAY SAND ISLAND	82.7 83.8	76.7 74.0	79.7 78.9	- 1.5 .2	86 86	27+ 27+	74 68	22 25+		0 0	0 0	0 0	0 0	14.49 3.06	- 2.61 - 1.27	1.73 .91	12 23		.0 .0 .0	0 0 0		19 7	10 1	7 0
* * * SEPTEMBER 1975																								
FAGA ALU RESERVOIR GUAM NAS MIDWAY SAND ISLAND	83.5M 82.6	76.8M 72.2	80.2M 77.4	- .8 - 1.3	85 86	28+ 9+	74 68	24 6		0 0	0 0	0 0	0 0	2.65 1.59	- 2.27	.60 1.69 .41	5 2 6+		.0 .0 .0	0 0 0		10 16 5	2 4 0	0 3 0
* * * OCTOBER 1975																								
GUAM NAS MIDWAY SAND ISLAND	84.4 81.5	76.9 72.2	80.7 76.9	- .1 1.3	87 85	22 20	74 66	15+ 5		0 0	0 0	0 0	0 0	12.04 6.00	- 1.10 2.24	2.27 1.98	28 5		.0 .0	0 0		22 11	7 3	4 3

See Reference Notes Following Station Index

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station		Total	Day of Month																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																		
* * *																																		
MARCH 1975																																		
MAKAHALAU 103		1.83			.16	.15	.12	.10						.08	.12						.15							.20	.10				.05	
* * *																																		
APRIL 1975																																		
MAKAHALAU 103		.87								.75																					.12			
* * *																																		
MAY 1975																																		
KAENA POINT 841.3	A	.82						.05														.16		.10										
LUALUALEI 804	A	46.00	.23	.00		.02	.02							.01							.03								.54					
LUALUALEI WTR TUNNEL	A	.47																															23.00	
MAKAHALAU 103	R	86.08											.15		.10							.22												
MOUNT WAIALALE 1047	R																																	
* * *																																		
JUNE 1975																																		
CITY OF REFUGE 27.4	A	2.01	.25	.01		.03	.10	*	.01	.03	.04																	.30	.08	*	.38	.04	T	
MOHIHI UPR CROSS 1083	A	.45												.10			.03	.35	.22	.26	.28	.01												
MOUNT WAIALALE 1047	A	15.52	.08	.04	.08	.47	.74	.16	.12	.16	.35	.31	.87	.63	.59	1.02	.63	.16	.20	.04	.04	.16	1.22	1.42	.38	.39	.91	.45	.98	.91	.43	.98		
* * *																																		
JULY 1975																																		
HALEPIULA 117	A	.35	.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUU KIME 120	A	.04	.04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUU MALI 113	A	.94																															*	
UMIKOA 118	A				.01									.47	.04					.11		.29								.02		*		
* * *																																		
AUGUST 1975																																		
HALEPIULA 117	A	.69	.49	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HOLUALA 70	A	3.80																															*	
HONOLULU 71	A	1.90																															*	
HUALALAI 72	A	1.35																															*	
KIOLAKAA A C F 6	A	4.40																															*	
MOUNT WAIALALE 1047	R	20.33	.75	.31	.75	4.29	.08	.17	.04	.47	.79	.35	1.85	.31	.31	.55	.55	.35	2.09	.35	.87	.79	.43	.35	1.06	.39	.17	.08		.39	1.42	.16	*	
PIMOHUA 89	A	13.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUU KIME 120	A	.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUU MALI 113	A	.14	.14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
UMIKOA 118		1.01	.03	.17										.03		.03	.02			.23	.10	.07					.04	.03		.07	.10	.09	*	
* * *																																		
SEPTEMBER 1975																																		
HALEPIULA 117	A	.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HANA 354	A	1.75	.08	.25	*	*	*	*	*	.07	.38	.47	*	*	*	.21	.06	.06					.11	*	.06	*	*	*	*	*	*	*	.80	
PUU KIME 120	A	.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35	
PUU MALI 113	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
UMIKOA 118		.70		.13							.01		.15				.01	.25			.23	.10	.07					.04	.03		.07	.10	.09	
* * *																																		
OCTOBER 1975																																		
CITY OF REFUGE 27.4	A	1.79	.02	.32	T	.49				.36			.01	.01	.01	*		.05		.06	*	*	.02	.01			.10	.30		T	.03	*		
HALEPIULA 117	A	*	*	*	*	.18	*	.23	.77	*	*	*	*	*	*	*	*	.18	*	.04	*	.23	.04	.01	*	*		.18	.01	*	*	*	*	
HANA 354	A	3.53	.45	.22	.18	*	.23	.77	*	*	*	*	*	*	*	*	*	.18	.07	.10	.07	.10	.02	.04	.01		.68	.18	.01	*	*	*	*	
KAANAPALI AP 453.1	A	.37	.05	.07	.05	T													.07	.10	.07	.10	.02	.04	.01		.68	.18	.01	*	*	*	*	
KALADA 69.22	A	3.61	T	.18	.34	.06	.04	.03	T					.07	T	T		.29	T	.34	T						1.90	.03	.18	.07	.03	.05	*	
MIDDLE PEN 147.1	A	.09			.09																												*	
PUU KIME 120	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUU MALI 113	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
UMIKOA 118		2.92		.02					.03	.03	.02			.02			.14	*	2.05		.01	.03	.01	.23						.13	.18		*	
* * *																																		
NOVEMBER 1975																																		
CITY OF REFUGE 27.4	A	3.03		.01		.02											.03	T	.50	.09	T						1.80	*	.03	.06	.11	.38	*	
HANA 354	A	4.74	.13	*	.02		.10		.20	*	.55	.22	.11	.08	*	*	.04	*	.22	*	*	1.99	.13	.08	*	.08	.39	.23	*	.19	.34	.39	*	
HUEHUE 92.1	A	3.22									.15	*	*	*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAKAMA PUMP 800.2	A	5.21																															*	
MOHIHI UPR CROSS 1083	A	13.83									*	*	3.20			.17		.17		.26		.17	.94	2.83	.94	3.78	1.37						*	
PUU LAU 102.1	A	2.52																															2.52	
* * *																																		
DECEMBER 1975																																		
MOHIHI UPR CROSS 1083	A	3.70				.09			.60	.34	.34		.09	1.29	.77															.09			.09	

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station		Total	Day of Month																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
* * *																																	
JANUARY 1975																																	
RCTA	10.33	.05	.21	.20	.05	*	*	.58	.30		.01	*	*	1.61	.02	1.60	.12	.27	*	*	4.20	.10	.04	.30	.01	*	*	.60	.03	.01	.02	.	
* * *																																	
FEBRUARY 1975																																	
RCTA	1.53	*	*	.01	.54	.01	.04	.14	*	*	.07	.02	.04	.01	.30	*	*	*	.16	.04	.02	.08					.04		.01			.	
* * *																																	
MARCH 1975																																	
RCTA	*	T	T	.05	.06	.34	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.
* * *																																	
APRIL 1975																																	
ANGAR																																.	
FRENCH FRIGATE SHOALS	3.34	.01	.11	.03	.01		.20		.37	.04		.20				.60	.12		.05	1.32	.07						.20	.08	.08	.68	.14		.
* * *																																	
MAY 1975																																	
KAPINGANGRANGI ATOLL	3.13		.08		.03	.24	.68				.30	.01		.10						.48					.15	.70	.05	.05		.01	.09	.17	.
FRENCH FRIGATE SHOALS	1.03	.15	.20	.03	.13	.04				.10				.20	.12	.05																.	
* * *																																	
JUNE 1975																																	
GLAM NAS	2.07						.15	.10	.03		.22	.07	.17	.34	.02	.06	.06	.12	.10	.05				.02	T	.29	.22	T	.02	.01	.02	T	.
KAPINGANGRANGI ATOLL	7.47						.30	.12	.96		.03		.11	.95	.13	1.50	.05	.09	.79	.41	.55	.15			.19	.27	.51	.12		.24		.	
LELE I. KUSAIE	17.70	.02	.08	1.83	*	*	1.08	.61	.65	.53	2.28	.12	.91	.18	1.11	1.83	.05	.89	.78	.80	.05	.07	.11	1.10	.38	1.11	.10	.51	.31	.21		.	
MIDWAY SAND ISLAND	1.46	T	.02	.18			.31	.02	T		.02	.05		.13			.10	.02		.23			.03	.03	.25	.05	.02	T	T	T		.	
SAIPAN USCG LORAN	3.15	.16	.55	.05		.01	.16	.01	.08	.01	.22	.01		.29	.26			.10	.04	.08	.12	.11		.03	.18	.09	.28	.04	.11	.15	.01	.	
* * *																																	
JULY 1975																																	
GLAM NAS	9.66			.02	.68	.04	.05	.66	.74	.09	1.28	.21	.05	.31	.11	.92	.12		.22		.14	.40		.01	.05	.13	2.93	.24		.03	.13	.10	.
MIDWAY SAND ISLAND	3.48			.03	T	.14		T		T		.04		.07	T	.16		.02	.09	1.22	.17	.03		.03	.01	.29	T	.63	.03	.08	.16	.28	.
WOLFAT ATOLL	8.20	.10	T	.12	.02	1.56	T			.65	.90	.83	T	.09	2.00			.06	.06						.32	.06	T		.83	.60		.	
* * *																																	
AUGUST 1975																																	
FAGA ALU RESERVOIR																																.	
GLAM NAS	14.49	1.17	.03	.24	.96	.21	.45	.16	.44	1.11	.78	1.43	1.73	1.42	.25	T	T		1.05	.36	.01	.25	1.34	.75	.06	.05	.17			.02	.05	T	.
MIDWAY SAND ISLAND	3.06	.02	.03	T		.06		.09	.02	.17	.05	.15	.02	.05	.05	.02	.12	.06			.06	.02	T	.91	.07	.45	T		.12	.44	.04	.04	.
* * *																																	
SEPTEMBER 1975																																	
FAGA ALU RESERVOIR	2.65	.25		.20		.60		.15			.30							.15		.20			.15			.50					.15	.	
GLAM NAS		.12	1.69	.07						.04	.01	.04	.02	.15	.01	.07	.21	.60	1.21	.41	.10	.21	.03	.22	.17	.47		.14	.15	1.26	.14	.	
MIDWAY SAND ISLAND	1.59	.01	.41	.01		.04	.41		.04		.02	.01		.01	.07	.21	.60	1.21	.41	T	.10	.02	.29	T	.19		T					.	
* * *																																	
OCTOBER 1975																																	
GLAM NAS	12.04	.64	.01	.24	.38	.24		.50	.49	.04	.13	.33	.25	1.35	1.23	.39	.19		.25	.22	.12	.09	.30	.07	.17	.02	.01	1.15	2.27	.63	.32	.01	.
MIDWAY SAND ISLAND	6.00	T	.0c		1.11	1.98		.12	.20	.12	.33						T	.09	.19		.04	.07	1.08	.24	.17	.17	.13	.06		.03	.02		.

See reference notes following Station Index.

HAWAII AND PACIFIC

A-6

LATE REPORTS DAILY TEMPERATURES

HAWAII AND PACIFIC

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX MIN																																
* * *	MAX MIN																																
MAY 1975	MAX MIN																																
LUALUALEI 804	MAX MIN	81 67	68			78 68	78 66			83 68	85 68	82 66	81 62	83 65	81 64	83 71	81 66	81 69	81 62	83 69	83 69	82 70	83 69	83 66	81 65		78 66	80 66	81 62	81 60	81 60	82 65	81.4 66.1
* * *	MAX MIN																																
OCTOBER 1975	MAX MIN																																
KAAHANA PALI AP 453.1	MAX MIN	84 70	84 70	82 70	81 68	81 72	83 70	83 70	84 70	84 64	83 66	81 70	81 69	80 69	80 69	84 69	83 70	80 67	81 69	81 67	84 67	82 67	83 66	81 66	84 69	84 68	83 70	82 69	81 69	77 68	82 64	82 64	82.1 68.3

CORRECTIONS

HAWAII

DATE	TABLE	DIVISION	STATION	CORRECTION
MARCH 1975	DAILY PRECIPITATION	ISLAND OF OAHU 01	KAIBUA FIRE STATION	TOTAL 2.92; AMOUNT ON 29th, .54.

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- * DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAUI 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

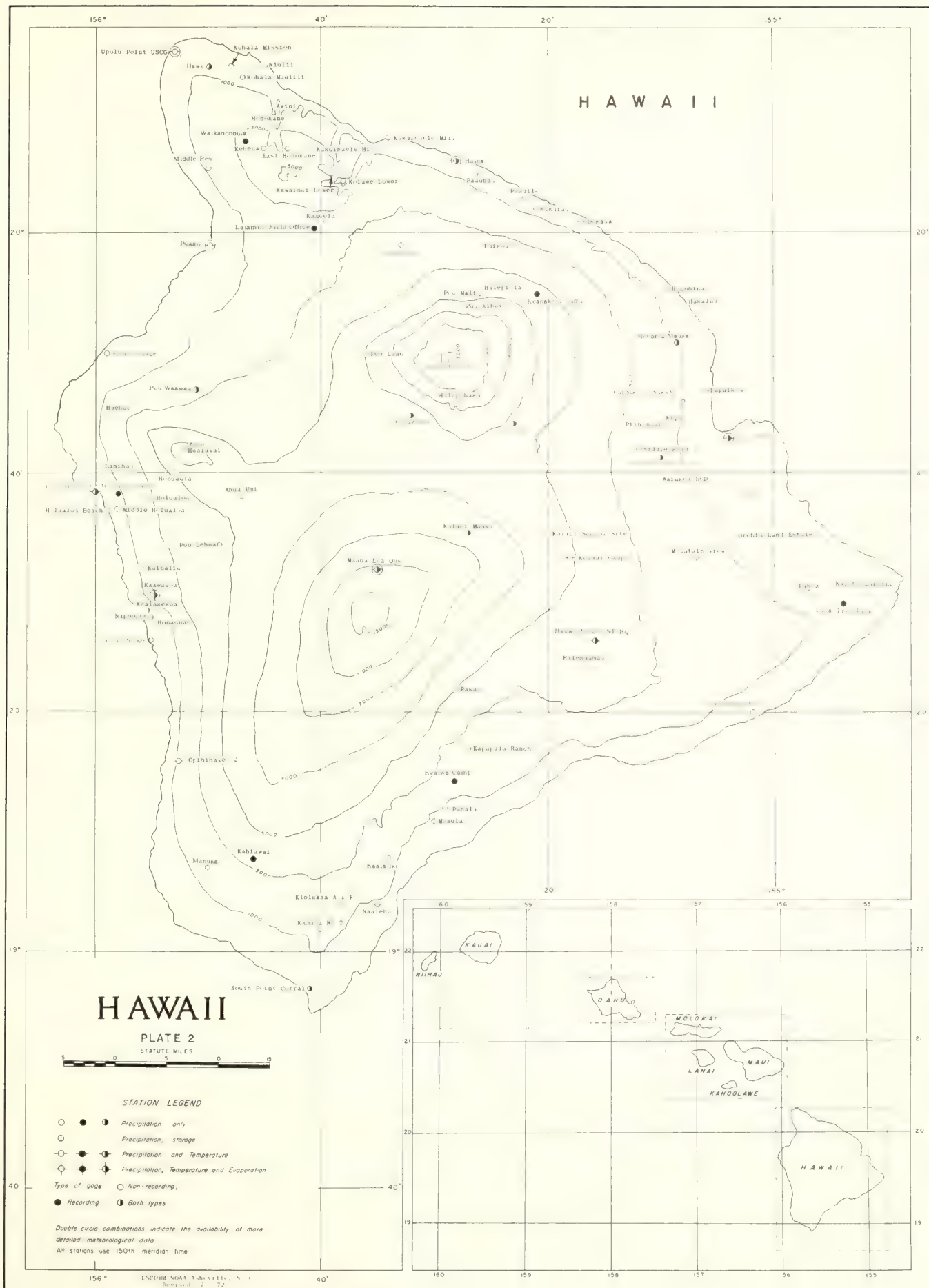
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

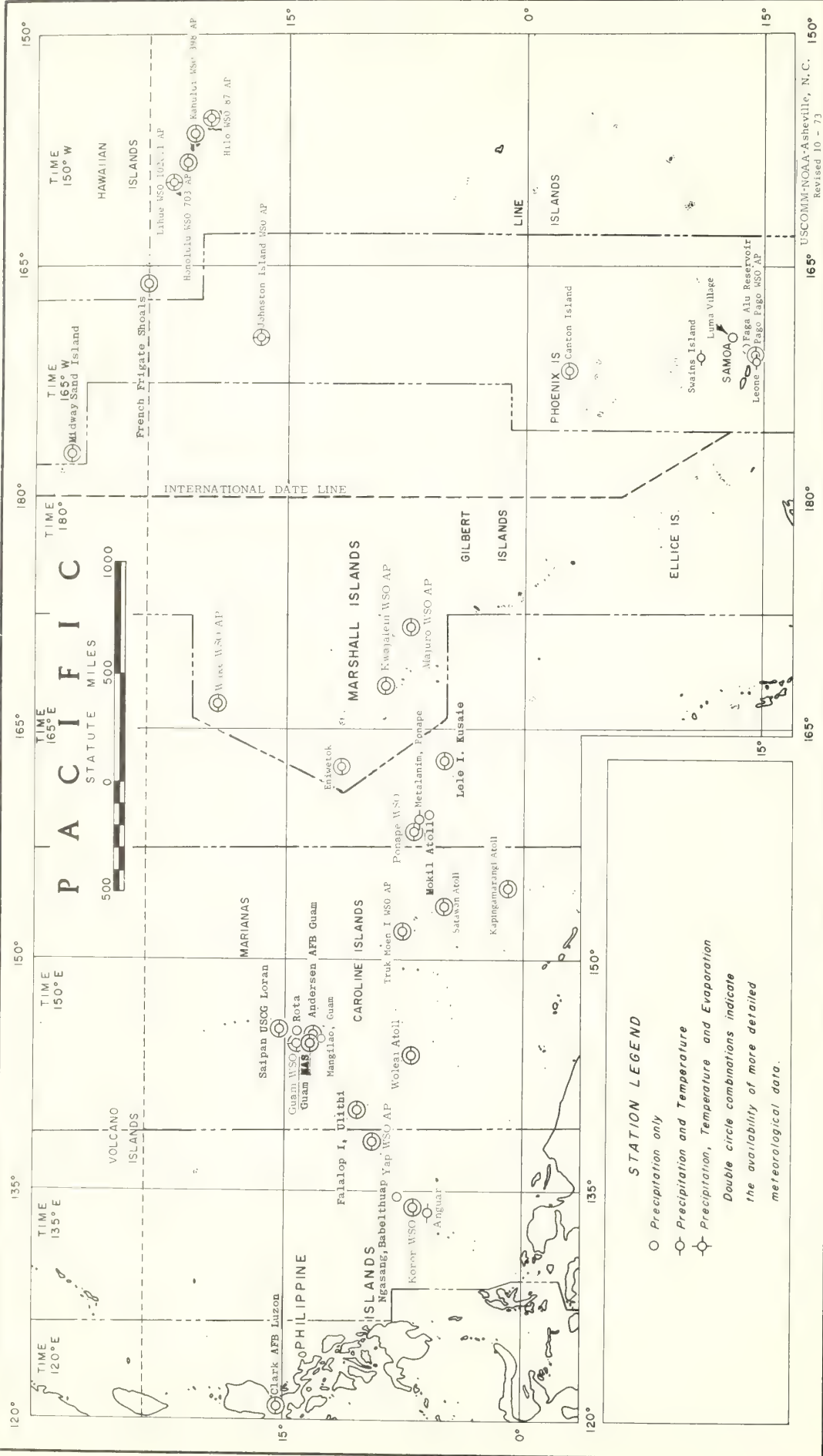
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

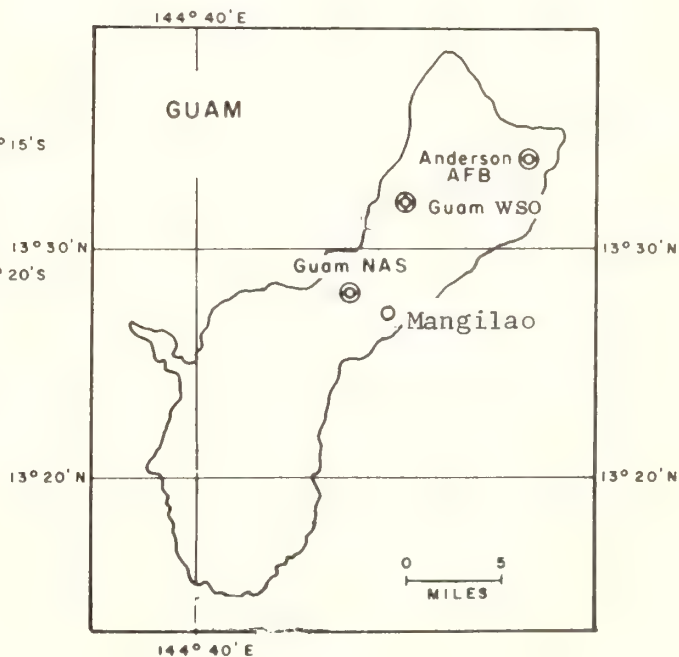
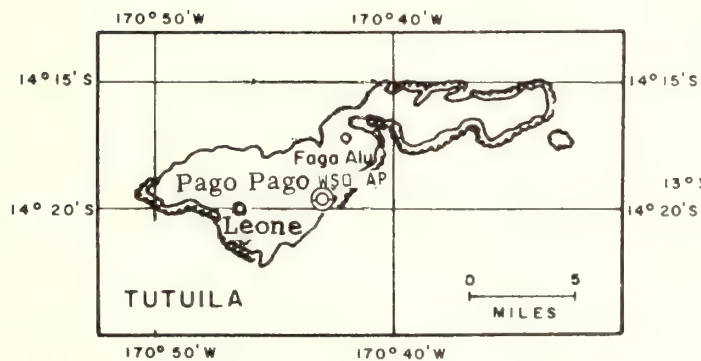
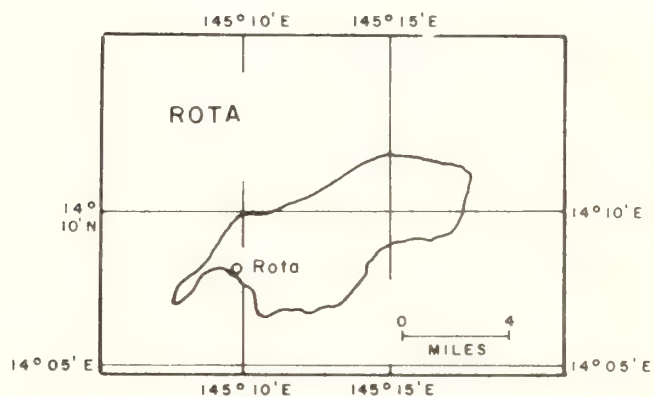
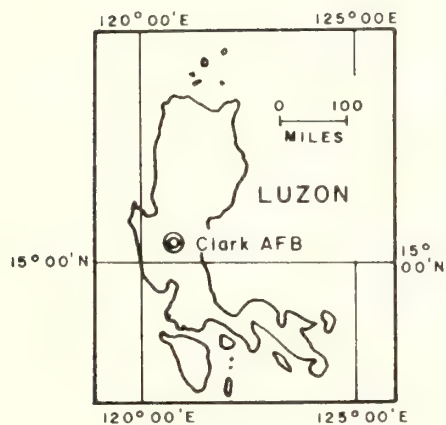
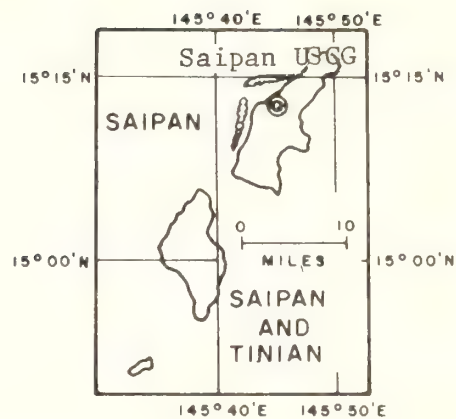
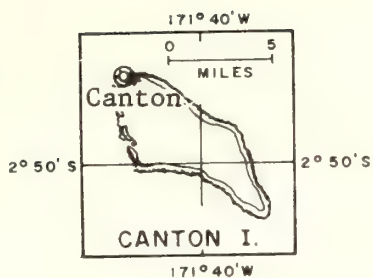
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

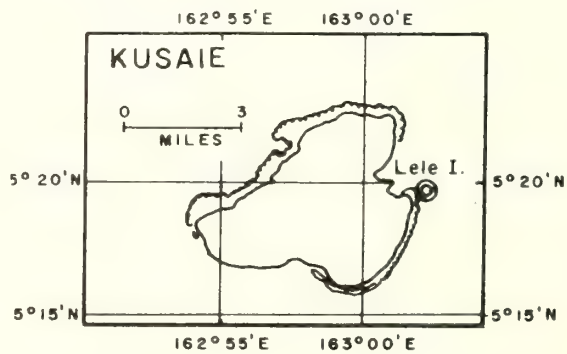
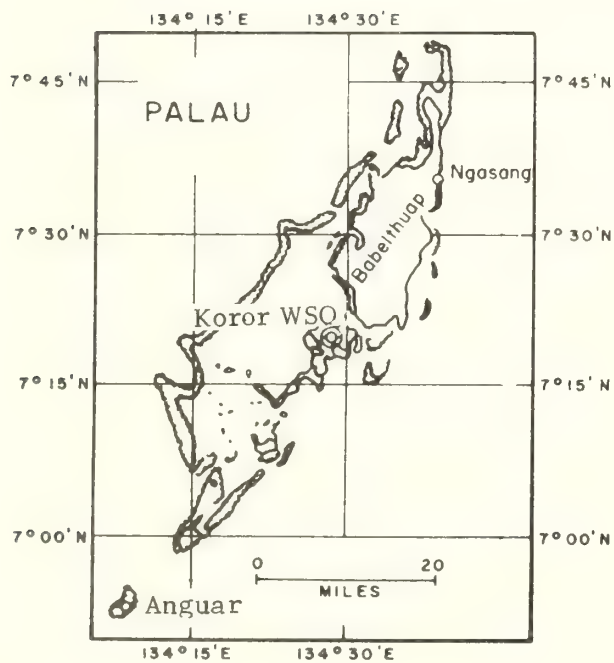
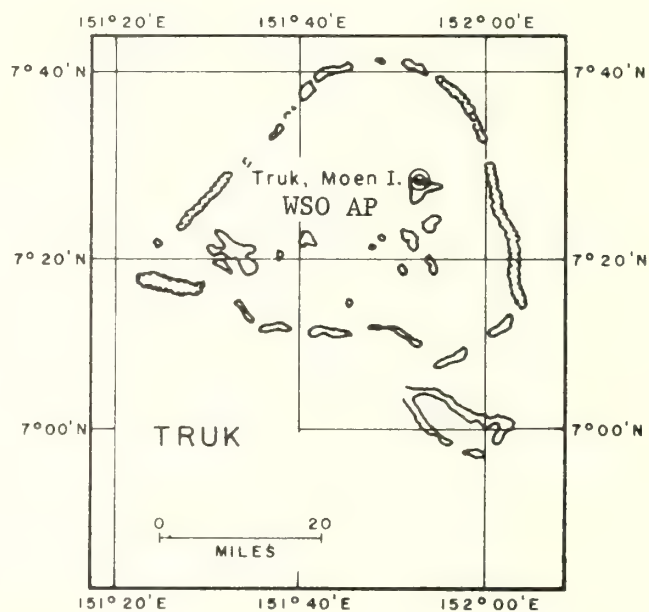
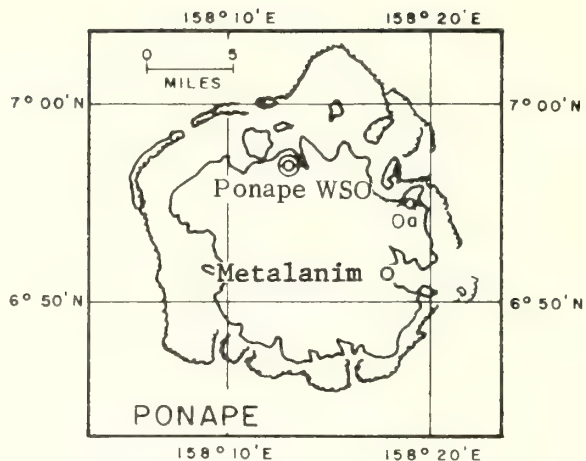
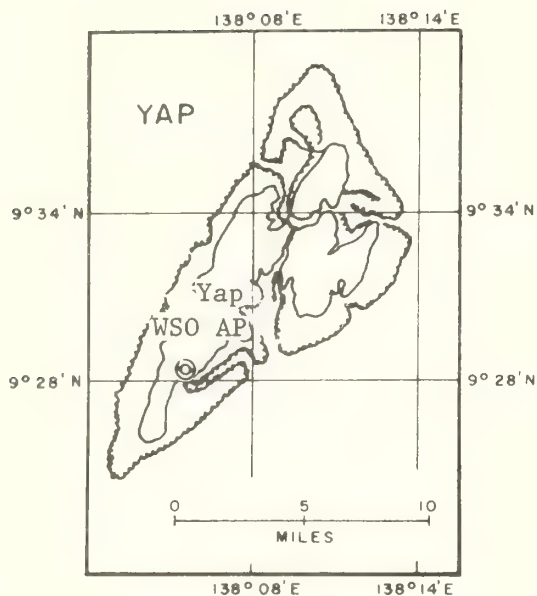
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



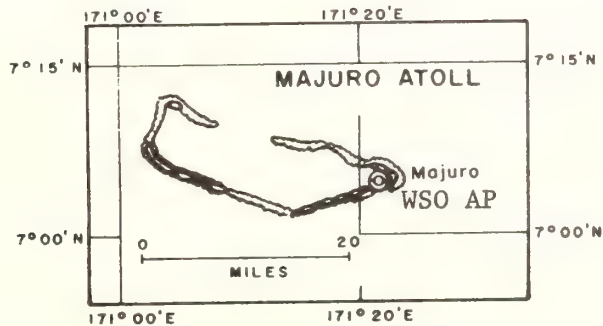
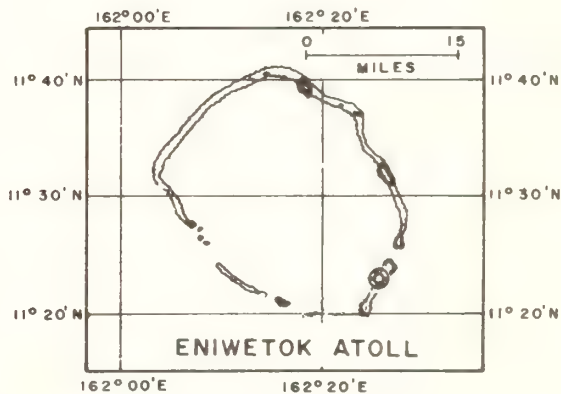
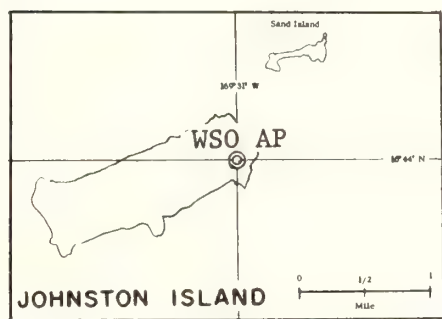
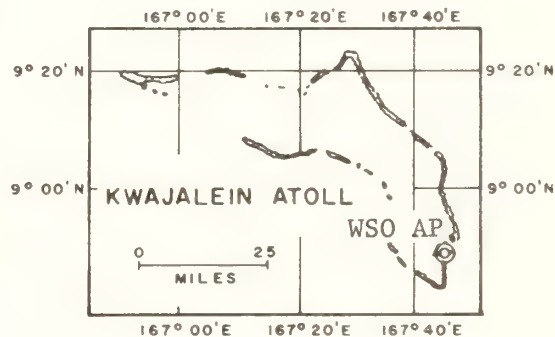
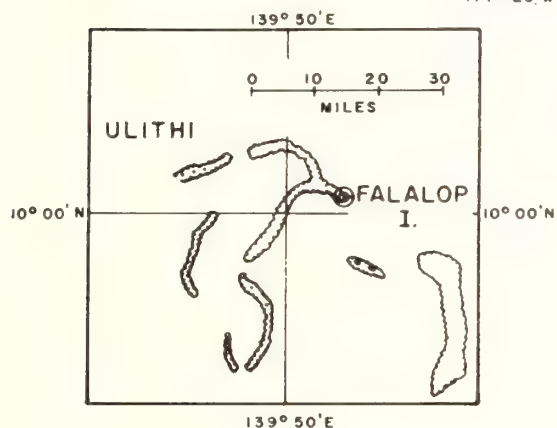
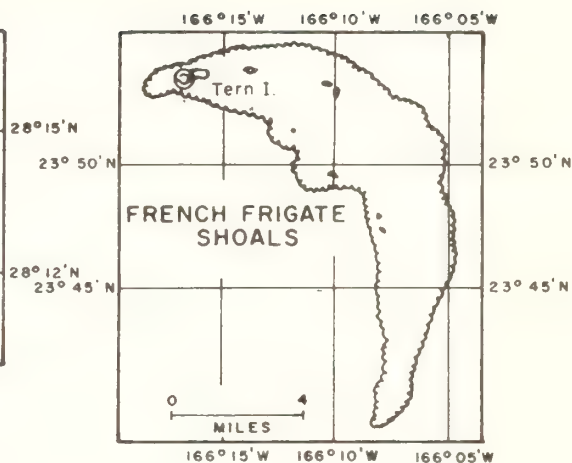
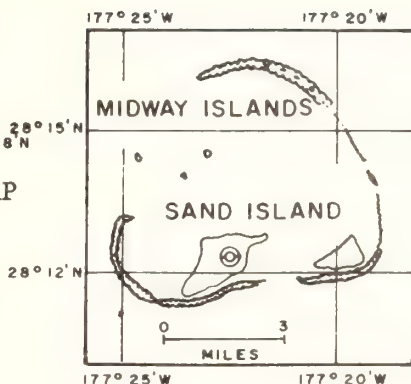
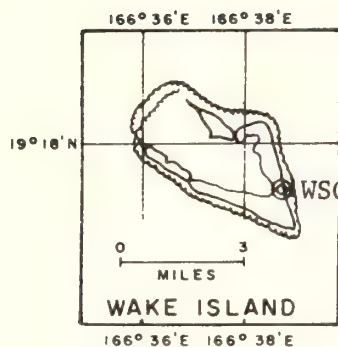




) Reef



— Reef



U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



THIRD CLASS





CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

HAWAII AND PACIFIC

ANNUAL SUMMARY 1975

Volume 71 No. 13

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
HAWAII																										
ISLAND OF KAUAI																										
KANALOUHULU 1075	55.9		55.6		57.1		58.5		59.4		62.2		63.2		64.2		62.6		62.2		60.4		55.3		59.7	
KILAUEA POINT 1133			70.4M		71.1M		73.1M		74.0M		74.8M		75.5		76.4M		76.9		76.1		74.8		72.9		75.5	
LIHUE WSO 1020.1 AP	73.0	1.8	71.4	.2	72.6	.9	74.2	.9	75.6	.1	77.3	.2	77.7	.7	78.1	- 1.0	77.8	- 1.0	77.7	.4	76.9	1.7	73.5	1.0	75.5	.4
MAKAHUEA POINT 940.1	70.2M		71.0M		73.1M		74.6M		76.9		77.9M		78.2M		78.8		79.5M		78.8M		76.9		74.0		75.9M	
MANA 1026	72.4	1.7	71.0	.2	72.0	.7	73.8	.9	74.2	-.6	76.1M	-.8	76.6M	- 1.3	77.4	-.8	76.8	- 1.1	76.6	-.1	74.7	.0	72.7M	.7	74.5M	-.1
ISLAND OF MAUI																										
NIU RIDGE 1035	68.1		67.6		67.8		69.4		70.2		71.6		72.6		72.9		73.2		73.3		72.5		69.6		70.7	
WAIKANI LOWER 1054	68.5M		67.3		68.6		69.7		70.7		72.1		73.0		73.5		73.6		73.3		71.0		68.7		70.8M	
ISLAND																										
	67.5		67.1		68.3		69.9		70.8		72.5		73.2		73.9		73.5		73.1		71.6		68.6		70.8	
ISLAND OF OAHU																										
ALPHA STADIUM-HAWAII	-		-		-		-		-		-		-		-		-		75.7M		74.2M		71.6M		-	
B Y U LAIE 903.1	-		-		-		-		-		-		-		-		-		78.2M		76.6		72.4		-	
CHURCH COLLEGE LAIE	72.4		72.7		73.2		74.4		75.5		77.1		77.7		78.7		77.6		76.6		74.7M		71.8M		74.3M	
ENNA PLANTATION 741	M		70.5M	-.6	M		72.3M	- 1.2	73.7M	- 1.9	76.2M	-.9	77.7M	-.3	M		77.0M	-.9	76.5M	-.3	M		M		-	
MONOLULU WSO 703 AP	72.4	.1	72.8	.5	73.0	.0	74.5	-.3	75.7	- 1.2	78.1	-.9	79.0	- 1.1	80.1	-.6	79.4	- 1.0	79.1	-.2	77.1	-.6	73.0	-.7	76.2	-.3
ISLAND OF LANAI																										
MONOLULU SUBSTA 704	72.2M	-.1	72.1	.1	71.4	- 1.1	72.2	- 1.4	73.8	- 1.6	74.6	- 2.5	M		77.5	- 1.1	78.1	-.4	77.3	-.2	75.0	-.7	73.6	-.2	-	
KANERHE MAUKA 781	71.8	.7	71.5M	.5	71.8	.6	73.0	.4	74.3	.1	76.0	-.1	75.9	-.7	76.4	-.8	77.3	.5	76.0	.1	74.7M	.8	72.8	.8	74.3M	.3
LUALUAEI 804	70.3		70.3		71.7		73.3		73.8M		76.0M		M		M		76.5M		76.7		74.1		70.3		-	
MANDA LYON ARBORETUM	-		-		68.7		69.6		70.6		71.1		72.6		73.5		74.4		72.8		71.6		70.1		-	
OPAEULA 870	69.5	2.7	69.0	2.6	70.2	5.2	71.7	3.6	71.6	1.6	71.5	-.2	72.0	-.4	72.8M	-.3	73.8	.5	73.5	1.2	M		M		-	
ISLAND OF MOLOKAI																										
PRI WAIANA 820.2	M		68.1M		68.8		70.2		71.3		73.4M		74.4		74.6		74.2		73.6		71.3		68.0		-	
WAIKAI 896.3	71.3		72.1M		72.1M		72.4		74.7		75.9M		76.4		77.4M		76.8M		76.4M		74.1M		71.8M		74.3M	
WAIKAI 847	70.0	-.1	69.3	-.4	70.2	-.1	71.5	.0	72.5	-.8	74.2	- 1.2	75.3	-.8	75.5	- 1.1	75.3	- 1.0	74.7	-.6	73.0	-.5	70.3	-.8	72.7	-.6
WAIKAI 817.2	71.5		71.2		72.3		73.0M		73.5M		76.3		76.2		77.1		78.1		78.4M		76.0M		71.9		74.9M	
WAIKAI 817.2	71.8		71.6		72.1		73.1		74.7		76.3		77.1		77.8		78.1		77.3		75.1		72.6M		74.8M	
ISLAND																										
	71.2		70.9		71.4		72.4		73.5		75.0		75.9		76.6		76.6		76.0		74.3		71.3		73.8	
ISLAND OF KAUAI																										
MOLOKAI AP 524	70.8		-		-		-		74.9		-		-		78.2		77.6		77.7		75.4		71.9		-	
ISLAND																										
	70.8		-		-		-		74.9		-		-		78.2		77.6		77.7		75.4		71.9		-	
ISLAND OF LANAI																										
LANAI AIRPORT 656	67.3		67.6		67.2		68.4		68.3		-		-		-		71.0M	-.8	70.1M	-.8	-		-		-	
LANAI CITY 672	M		63.5M	- 2.4	M		68.1M	.5	M		69.7M	-.8	70.4M	- 1.0	71.1M	- 1.0	71.0M	-.8	70.1M	-.8	-		-		-	
ISLAND																										
			63.5				68.1				69.7		70.4		71.1		71.0		70.1							
ISLAND OF MAUI																										
MALEAKALA RS 338	49.3	- 1.7	48.7	- 1.6	50.3	-.1	50.2	- 2.0	52.4	- 1.2	55.2	- 1.2	54.8	- 1.6	56.0	- 1.0	54.5	-.9	56.1	- 1.1	54.0	-.4	52.4	.7	52.8	-.8
MALEAKALA SUMMIT 338.4	M		M		M		46.9M		M		51.3M		M		50.0M		55.9		55.9		53.9		52.6M		53.6M	
HANA AIRPORT 355	71.1		70.7		71.5M		73.3		73.5		76.7		74.2		75.7		75.9		75.3		73.9		72.6M		73.6M	
KANAPALI AP 453.1	70.7M		70.1		71.4		72.9		72.9		74.6		75.8		76.4		75.9		75.2		73.6		71.9		74.9M	
KAHULUI WSO 398 AP	71.3	-.4	72.2	.6	72.0	-.2	74.6	.8	73.0	- 2.4	74.7	- 2.4	76.2	- 2.0	77.2	- 1.6	76.2	- 2.2	75.9	- 1.4	73.8	- 1.5	72.3	-.3	74.1	- 1.1
ISLAND OF LANAI																										
KAILUA 446	M		67.8M	-.1	M		68.4M	-.8	69.2M	- 1.4	69.5M	- 2.5	71.9M	-.8	72.4M	-.9	72.6M	-.7	71.5M	- 1.1	M		M		-	
KEANAKAPII BEACH 260.2	71.4		71.5		71.8		73.7		73.7		75.4		76.3		77.0M		76.6		76.4		78.0		73.0M		74.6M	
KULA SANATORIUM 267	61.4	-.1	61.8	-.9	60.4	-.8	62.3	-.2	62.1	- 1.4	63.7	- 1.0	65.3	-.3	66.3	-.0	65.4	-.7	65.8	-.2	64.2	-.2	62.8	.4	63.5	-.2
LAHAINA 361	73.3	1.8	72.3	.8	72.7	.8	73.8	.5	74.5	-.4	75.9	-.6	76.8	-.8	77.7	-.3	77.8	-.1	77.6	-.0	75.6	-.4	73.6	.6	75.1	.3
WAILUKU 386	M		70.2M	- 1.1	M		72.9M	-.1	73.4M	- 1.3	74.4M	- 2.2	75.7M	- 1.7	M		76.3M	- 1.5	75.5M	- 1.4	M		M		-	
ISLAND																										
	66.2		66.7		66.4		68.6		68.9		70.3		71.5		71.7		71.8		71.6		69.2		67.5		69.2	
ISLAND OF HAWAII																										
HAWAII VOLCNS NP HQ 54	56.8M	- 1.1	57.3	-.3	56.1	- 1.7	57.1	- 1.9	57.7	- 2.7	59.3	- 2.4	60.7M	- 2.0	61.8M	- 1.4	61.3M	- 1.7	61.0	- 1.4	60.1M	-.5	58.4	.0	59.0M	- 1.4
MILO WSO 87 AP	71.0	-.2	71.9	.9	71.2	-.1	72.4	.2	73.1	-.5	74.4	-.2	74.8	-.5	75.7	-.2	75.5	-.1	74.7	-.3	73.5	-.0	72.2	.6	73.4	.0
KAINALIU 73.2	67.2		67.4		68.8		67.0		67.0		68.5		69.2		70.5		70.7		70.0		69.4		67.6		68.4	
KAHULA 192.2	61.4		59.8		58.2		57.8		57.6		60.6		60.6		60.8		60.8		58.6		60.1		58.1		61.0	
KEAAHI 82	68.6		69.2		68.6		69.8		70.2		71.6		72.3		73.5		73.5		72.5		71.9		70.8		71.0	
ISLAND OF LANAI																										
KONA MISSION 175.1	68.5	- 1.2	68.8	-.6	68.6	-.9	69.5	-.9	70.8	- 1.1	72.6	-.8	72.8	- 1.2	74.2	-.4	74.2	-.5	73.3	-.8	72.1	-.1	70.1	-.1	71.3	.7
KONA (KAILUA) 68.3	72.7M		M		M		73.0M		73.6M		M		75.7M		77.3M		77.3M		77.1M		M		M		-	
OPINHALE 2 24.1	52.1		52.9		51.4M		52.5		53.3		54.8M		54.9M		56.9		55.2M		55.9		54.7		54.1		54.1M	
MAUNA (Oa SLOPE OBS	36.3		38.4M		41.3		44.4		47.4		50.4		44.4		45.9		46.7		45.4		42.9		39.2		39.2M	
MOUNTAIN VIEW 91	64.9		65.0		64.0		65.6		66.1		67.4		67.4		69.5		69.1		68.4		67.8		66.4		67.0	
ISLAND OF MAUI																										
MAALEKUH 14	M		69.8M		M		71.0M		70.7M		M		73.7M		M		75.2M		74.6M		M		M		-	
OPINHALE 2 24.1	66.4		66.8		66.6		67.2		67.5		68.7		69.3		70.4		70.5		70.3		68.9		67.3		68.3	
PUAKO 95.1	67.2M	- 1.9	68.2M	-.7	67.9M	- 1.1	68.9M	- 1.0	69.8M	- 2.2	69.9M	- 2.5	71.3M	- 1.8	M		72.4M	- 1.2	71.7M	- 1.4	M		69.1M	-.9	-	
PUAKO 95.1	71.7		72.2		73.2		74.8		74.3		76.2		77.4		78.7		77.5		77.6		75.1		72.1		75.1	
ISLAND OF LANAI																										
UPOLU POINT USCG 159.2	72.2		71.6M		71.5M		71.9M		73.6		73.6		74.3		76.1		76.4		76.0		75.4		73.2		73.8M	
ISLAND																										
	65.8		65.6		65.0		66.1		67.3		67.8		69.4		69.5		70.4		70.1		67.5		66.3		67.6	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1975

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
PACIFIC																										
* * *																										
EAST ON 180TH MERIDIAN																										
CANTON ISLAND	83.2M		83.0M		83.1M		83.3M		82.0M		80.4M		80.8		81.3		80.4		80.7M		79.9M		79.5M		81.5M	
JOHNSTON WSO AP	76.5	-.3	76.1	-.4	76.0	-.6	77.0	-.6	78.1	-.8	78.7	-1.5	79.4	-1.4	80.1	-1.1	80.2	-.7	79.7	-.9	78.5	-.8	77.3	-.3	78.1	-.8
LEDNE							84.8																			
FRENCH FRIGATE SHOALS	M		72.1	-1.3	73.5	-2.4	73.7M	1.2	76.0M	1.4	77.1M	-.3	78.1	-.4	79.3	.4	80.5	1.0	78.7	.6			73.8	.5		
MIDWAY SAND ISLAND	66.2	.5	66.3	.8	67.7	1.3	69.1	1.5	72.4	1.0	77.2	1.5	79.7	1.9	78.9	.2	77.4	-1.3	76.9	1.3	74.5	2.0				
PAGO PAGO WSO AP	80.5	.2	80.6	.1	81.1	.7	79.9	-.7	80.0	.5	79.2	-.1	79.3	1.0	79.3	1.1	79.6	.6	81.1	1.7	80.3	.4	79.4	-.6	80.0	.4
* * *																										
WESTERN PACIFIC ISL, NORTH OF 12 N																										
ANDERSEN AFB GUAM	79.1	.9	79.6	1.4	79.3	.8	80.2	-.7	81.3	1.0	82.0	1.2	79.7	-.7	79.1	-1.0	80.7	.8	81.0	1.0	80.5	.2	79.1	-.2	80.1	.5
CLARK AFB LUZON	78.1	.3	78.8	.0	82.5	1.4	83.5	-.3	84.2	.0	81.6	-.3	79.5	-1.1	79.1	-.7	81.3	1.5	80.9	.5	79.9	.5	79.1	-.6	80.7	.2
GUAM NAS	81.3	1.9	79.8	.4	80.4	.4	79.2		79.4		82.1	.3	80.6	-.8	79.7	-1.5	80.2M	-.8	80.7	-.1	78.3					
GUAM WSO	77.9	.8	77.5	.2	77.2	-.5	79.2	.2	79.4	.0	80.9	1.1	78.4	-1.0	78.0	-1.1	78.8	-.3	78.8	-.1	78.3	.9	78.2	-.3	78.6	.1
SAIPAN USCG LORAN	79.7		78.5		79.1		80.0		82.3		82.1		81.8		80.8		81.8		81.5		81.0		80.3		80.7	
Wake WSO AP	76.3	-.7	75.5	-1.5	77.0	-.7	77.3	-1.0	79.7	-.1	82.3	.8	81.9	-.1	82.2	-.4	81.5	-1.1	81.8	.2	80.3	.1	77.8	-.8	79.5	.4
* * *																										
CAROLINE AND MARSHALL ISLANDS																										
ENIWETAK	80.4	-.7	82.0	1.0	82.4	1.0	81.7	-.5	83.6	1.1	83.9	1.1	80.9	-2.2	82.0	-1.0	82.4	-.7	82.6	-.2	81.0	1.5	80.3	-1.6	81.9	.4
FALACOP I, ULITHI	80.0		80.7M		81.7		81.3		81.5M		82.6		83.7		82.7		83.4		82.8		82.9					
KAPINGARANGI ATOLL	80.8		81.7		81.8		81.9		82.4		82.0		81.8		81.3		82.7		82.0		81.9					
KOROR WSO	80.8	-.4	81.4	.7	81.7	.6	82.0	.1	82.2	.2	81.2	-.4	80.8	-.3	81.6	.4	81.6	.0	81.8	-.1	82.3	.4	81.0	-.3	81.5	.0
KWAJALEIN MISSILE RNG	81.8	.6	82.4	1.0	83.3	1.6	82.8	1.0	81.3	-.5	81.1	-.8	80.7	-1.4	80.8	-1.7	80.9	-1.6	80.3	-2.1	80.8	-.9	81.0	-.6	81.4	.5
LELE I, KUSAIE	81.7M	.2	82.4M	1.1					M		78.9M	2.1	79.6M	1.3	80.7M	1.6			81.1M	.6	81.5		80.9	-.7		
MAJURO WSO AP	80.4	-.4	81.0	-.2	80.7	-.5	80.2	-.9	80.5	-.8	79.7	-1.3	79.7	-1.3	79.9	-1.6	80.0	-1.4	78.8	-2.5	79.4	1.0	79.5	-1.6	80.0	-1.2
METALANIM	80.3		80.8		81.9		82.6		81.8		81.7				83.4		84.0		84.4		82.9					
PONAPE WSO	81.8	1.2	82.3	1.6	81.0	.2	81.5	.8	80.8	.1	80.2	-.3	79.8	-.2	80.2	.1	80.5	-.1	79.6	-.6	80.2	.1	79.6	-1.0	80.6	.1
TRUK, MOEN I, WSO AP	81.6	.8	81.7	.6	81.7	.4	82.2	.9	81.4	.1	81.2	-.1	81.0	.3	81.1	.2	81.1	.1	81.0	-.1	80.5	-.8	81.2	-.1	81.3	.2
WOLEAI ATOLL	81.7												81.1				82.0		81.1M		81.5					
YAP WSO AP	80.1	-.3	80.8	.3	80.8	-.2	80.8	-.9	80.7	-1.1	79.9	-1.8	80.2	-1.0	79.6	-1.4	79.7	-1.6	80.6	-.8	80.7	-.8	79.9	-1.1	80.3	-.9

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1975

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
HAWAII																										
ISLAND OF KAUAI																										
ANAHOLA 1114	A	9.88	10.13	4.67	2.03	.83	.46	1.07	.85	.18	1.18	4.19	4.41	39.88												
BRYCESWOOD STA 985	A	11.37	7.87	3.97	5.53	2.57	1.49	3.18	2.24	1.20	2.81	5.90	4.76	52.89												
EAST LAKE 934	A	8.44	4.27	3.76	5.37	2.30	1.65	3.18	2.41	1.64	4.41	5.23	4.62	47.28												
ELELEE 927	A	6.46	6.77	1.63	1.29	.34	.46	.54	.50	.40	.67	2.64	4.37	26.07												
HALAULA 1110	A	10.83	11.05	5.27	3.28	.93	1.02	1.09	1.26	.63	1.23	4.30	5.24	46.13												
HALEMANAHU 1006	A	12.44	7.85	4.68	5.35	2.98	1.90	4.14	2.94	2.32	3.73	7.51	6.52	62.56												
HUKIPU 945	A	6.17	1.07	5.29	2.29	1.70	.96	.68	1.34	.00	1.19	.20	.35	.00	.91	.02	.67	.13	1.69	3.54	.98	2.40	2.38	20.13	5.43	
ILILUI INTAKE 1050	A	26.35	11.47	13.90	17.56	8.32	5.13	9.19	4.07	11.13	15.41	10.26	138.20													
INTAKE MAININA PC 1086	A	22.69	12.79	18.28	9.46	4.00	1.39	8.60	3.81	3.07	3.57	9.06	105.36													
KANALOHULU 1075	A	8.60	10.72	12.04	2.54	.68	.65	1.30	1.09	.46	.57	12.51	5.95	57.11												
KANEHA RESERVOIR 1092	A	16.08	13.41	8.75	5.96	2.84	1.70	3.70	3.25	.99	3.33	8.56	8.81	77.38												
KAPAA STABLES 1104	A	9.21	7.97	4.01	2.05	.90	.81	1.76	1.29	.83	1.75	4.02	4.01	40.61												
KEALIA 1112	A	9.71	9.43	5.26	2.33	.76	.80	1.08	.64	.83	3.91	5.41	4.31	40.61												
KEKAMA 944	A	4.52	.11	3.43	.86	1.39	.41	1.15	.28	.76	.02	.23	.25	16.05	6.39											
KILAUEA 1134	A	13.53	8.98	7.65	3.51	1.14	1.01	2.31	2.13	.52	3.02	6.69	4.43	54.92												
KILAUEA POINT 1133	F	5.85	E 3.46	4.03	1.73	.54	.81	1.78	1.59	.28	1.88	5.22	4.12	31.29												
KOLD 1033	A	3.82	1.43	6.40	3.62	2.28	.49	.02	1.81	.42	.61	2.35	.11	2.58	1.79	18.75	6.49									
KOLOA 936	A	9.60	5.17	2.25	5.19	2.42	1.77	3.47	2.78	1.59	3.03	5.48	5.41	48.16												
KOLOA MAUKA 994	A	10.88	1.11	13.59	4.26	3.91	4.74	5.94	2.88	3.68	2.48	1.93	3.79	72.50	22.74											
KOLOKO RES 1137	A	14.83	12.42																							
KUKUIULA 935	A	7.37	3.16	2.40	2.25	.76	.89	1.76	1.24	.41	1.07	3.80	3.33	29.44												
LIHUE VARIETY STA	A	11.85	8.88	4.63	3.30	1.99	1.84	2.41	2.43	.61	2.47	8.49	7.28	55.98												
LIHUE 1020	A	12.95	.06	7.66	4.83	9.10	6.23	5.18	7.40	1.91	7.41	4.85	5.42	62.36	5.27											
LIHUE WSD 1020.1 AP	R/R	14.07	7.83	4.35	.07	3.36	1.31	1.17	2.08	.97	1.76	.41	1.16	.49	.93	.80	1.35	.45	1.40	5.34	.29	2.87	3.47	27.30	8.66	
MAKAHUNA POINT 940.1	A	7.31	3.45	2.61	1.24	.73	.53	.92	.57	.18	.98	5.95	2.83	27.30												
MAKAWELI 965	A	7.17	7.44	1.81	.42	.26	.20	.08	.40	.05	.17	3.14	2.21	23.42												
MANA 1026	A	4.61	.33	5.48	2.92	2.39	.27	.56	1.06	.65	.40	.00	.49	.18	.40	.09	.73	.31	.71	4.00	1.35	2.95	.51	3.14	.92	
MOHIMI UPR CROSS 1083	A	16.35	2.99			3.00	.45	2.10	2.36	.40	1.18	2.36	3.70	20.75												
MOLAA 1145	A	8.16	6.44	3.90	1.51	.60	.76	1.23	1.35	.42	.90	6.73	2.75	34.75												
MOUNT MALEALE 1047	R	9.92	14.54	38.04			15.52	29.85																		
NTU RIDGE 1035	A	2.49	3.34	8.80	5.80	2.02	1.14	.70	1.44	.58	.76	.00	.69	.13	.77	.08	.93	.19	1.36	.22	2.12	3.24	.35	2.78	2.21	
N WAILUA DITCH 1051	A	26.95	15.85	17.10				5.73	9.45	4.47		3.82	9.89	142.61												
N WAILUA 1115	A	12.95	.06	7.66	4.83	9.10	6.23	5.18	7.40	1.91	7.41	4.85	5.42	62.36	5.27											
PRINCETON RANCH 1117	A	6.63	2.18	15.19	8.06	7.81	2.78	6.01	1.48	1.88	4.90	1.97	2.62	4.06	2.32	2.21	4.10	1.33	5.41	4.62	2.02	7.89	1.59	4.91	.451	
PUEHU RIDGE 1040	A	6.40	.23	5.90	2.18	1.85	1.40	.95	1.64	.58	1.98	.00	.80	2.48	1.22	.09	1.58	.66	1.15	.88	2.59	4.98	1.59	2.65	3.02	
PUMI 1013	A	7.92	4.17	2.38	1.31	.83	.69	1.49	.65	.86	.70	4.84	7.14	19.25	3.06											
WAILUA 930	A	7.35	1.55	5.53	1.94	2.51	1.03	1.65	1.03	.73	1.38	.65	.72	1.30	.47	.88	1.35	.88	.92	1.13	1.78	2.91	.96	3.62	1.65	
WAILUA LOWER 1054	A	15.76	5.18	12.05	3.24	8.39	.247	10.49	1.17	4.83	3.28	3.74	3.29	8.69	3.98	5.00	5.88	1.53	5.86	6.14	3.03	10.85	1.17	4.95	7.69	
WAILUA UPPER 1052	A	21.61	8.80	13.86	3.29	11.34	1.62	15.43	3.42	6.58	3.91	5.30	3.69	7.50	4.34	7.27	5.93	3.54	5.63	9.80	1.35	15.49	1.29	6.11	8.77	
WAILUA 943	A	5.28	.60	4.43	2.09	1.56	.74	.50	1.08	.63	.41	.00	.31	1.50	1.06	.02	.79	.36	.45	1.18	1.53	2.50	.34	2.29	1.84	
WAILUA KAI 1065	A	11.59	7.84	5.22	1.55	1.32	1.18	1.93	1.95	1.22	1.27	4.21	6.48	45.16												
WAILUA 947	A	6.08	1.50	4.90	1.95	1.55	.67	.45	1.24	.00	1.05	.00	.24	.59	.15	.00	.77	.10	.61	.00	1.84	3.79	1.43	2.09	1.30	
WEST LAKE 931	A	7.86	4.15	2.99	.62	.45	.90	.95	.10	.24	.95	1.78	3.28	32.81												
ISLAND																										
ISLAND OF OAHU																										
ALOHA STADIUM-HALAWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERTANJA PUMP STA	-	8.88	2.44	2.45	2.36	.53	.27	.51	.37	.38	.57	10.86	.92	30.34												
B Y U LAIE 903.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL IND PK 702.5	A	6.29	3.28	1.59	.60	.57	.7	.05	.00	.03	.40	9.49	.39	22.49												
CAMP 84 807	A	7.41	4.69	2.35	1.55	.53	.34	.57	.27	.24	.70	13.18	.71	32.26												
CHURCH COLLEGE LAIE	-	7.84	7.14	5.97	1.40	1.47	.67	1.26	.51	.50	1.05	11.51	.86	40.61												
COCONUT ISLAND 840.1	A	11.63	6.90	3.67	1.54	.55	.03	1.26	.35	.15	.48	5.39	2.54	23.87												
DIAMOND PLANTATION 741	A	12.95	.06	7.66	4.83	9.10	6.23	5.18	7.40	1.91	7.41	4.85	5.42	62.36	5.27											
HELEMAN INTAKE 881	A	8.41	8.97	6.06	3.84	3.16	1.36	2.42	1.07	.31	.91	15.91	1.68	39.25												
KOOLAU 729.2	A	12.65	.84	3.48	1.14	1.07	.36	.71	.31	.91	.91	15.91	1.68	39.25												
KOOLAU OBSERV 702.2	A	7.13	3.09	1.46	.71	.22	.03	.44	.00	.08	.01	8.50	1.07	22.74												
KOOLAU WSD 703 AP	R	6.42	2.02	2.36	.10	2.02	1.16	.51	.85	.10	.77	.03	.29	.40	.20	.03	.73	.11	.56	.18	1.33	11.54	8.55	.60	3.09	
KOOLAU SUBSTA 704	A	4.23	.20	1.97	.81	2.27	1.14	.77	.97	.21	.92	.16	.42	.30	.47	.14	.87	.20	.73	.29	1.43	9.44				
K S P A EXP STA 707	A	11.34.																								

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1975

TABLE 2

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
WAIANA 836	A	8.95		10.00		14.69		11.32		8.47		5.15		8.27		3.87		2.39		14.97		19.23		4.98		122.29	
WAIANA 885	A	16.31		19.30		8.03		6.85		4.37		5.03		5.47		5.07		2.45		9.04		17.82		2.48		102.82	
WAIANA 717.2	A	9.31		2.69		3.47		.54		.22		.12		.13		.06		.24		.13		8.36		.51		25.98	
WAIMANALO EXP FARM	A	10.93		7.87		4.51		1.29		.76		.22		.44		.36		.92		.25		9.95		.95		39.01	
WAIMANA 792	A	9.16		6.73		5.15		2.65		1.63		.77		2.22		1.28		.86		2.37		11.81		2.84		47.47	
WAIAPA 750	A	6.45		5.25		1.76		.73		.47		.03		.42		.19		.28		.15		5.36		4.14		25.23	
WILHELMINA PIKE 721	R	13.42	8.02	4.54	.55	5.52	.81	3.78	.26	1.94	.43	.96	.41	1.78	.48	.98	1.35	.50	1.26	1.01	2.13	10.34	6.04	2.28	3.26	46.63	5.84
ISLAND		11.25		6.71		5.66		3.66		2.60		1.58		2.70		1.79		1.33		2.75		12.85		3.03		55.91	
ISLAND OF MOLOKAI																											
KAUAI 503	A	4.53		4.08		4.67		.91		.36		.53		1.09		.05		.46		1.63		3.65		.95		22.91	
KAUAI 536	A	.39		4.38		1.59		.00		.00		.00		.08		.00		.12		.09		1.48		.02		8.15	
KEONELELE PENS 551	A	4.00		5.43		3.60		.00		.00		.00		.15		.00		.00		.00		2.20		.00		15.38	
KUALAPU 534	A	3.66		7.02		3.12		.51		.08		.56		.79		.44		.31		.48		1.65		.21		18.83	
MAUNA OLA 511	A	4.75		5.61		3.18		.73		.12		.46		.24		.13		.72		.10		1.94		.99		18.47	
MOLOKAI AP 524	A	3.19		5.10		4.53		.49		.54		.28		.42		.42		.44		.43		1.56		.02		18.29	
PLU D HON RANCH 542.1	A	3.25		3.80		2.71		1.80		.54		.90		.42		.66		.73		1.56		4.19		.74		21.30	
WAIKOLU 540	A	12.33		9.58		10.42		5.36		3.24		4.23		4.05		2.95		1.84		4.52		6.30		1.53		66.35	
ISLAND		9.87		6.32		3.15		.37		.07		.51		.52		.33		.49		.34		1.72		.41		18.10	
ISLAND OF LANAI																											
KANEIPI 690	A	5.47		2.96		1.87		.93		.16		.30		.37		.06		.19		.06		3.16		.92		16.45	
KAUAI AIRPORT 658	A	6.27		4.43		.89		.57		.00		.14		1.07		.04		.07		.28		.84		.95		15.55	
LANAI AIRPORT 656	A	6.27		6.55		1.73		1.72		.21		.21		.00		.00		.00		.00		2.14		.00		27.75	10.34
LANAI CITY 672	A	10.52	4.58	6.21	2.99	1.87	2.65	2.19	1.10	.37	2.74	.44	.86	1.47	.67	.17	1.46	.97	1.25	.34	2.14	2.11	2.02	1.09	3.04	27.75	10.34
LANAI-HALE 684	A	5.67		5.63		1.78		3.38		.50		.87		1.83		.24		.22		.34		1.26		.48		21.78	
MAHANA 694	A	7.80		4.80		2.00		.91		.00		.00		.49		.05		.10		.15		2.47		1.55		19.58	
MALAEUA 676	A	5.09		4.96		1.09		.71		.26		.10		.49		.05		.02		.04		.77		.09		13.67	
WAIKAEKUA 685	A	4.36		5.61		1.57		.70		.12		.10		.42		.00		.26		.56		2.15		.29		16.14	
ISLAND		10.52		6.21		1.87		2.19		.37		.44		1.47		.17		.97		.34		2.11		1.09		27.75	
ISLAND OF MAUI																											
AUKAMU 252	A	2.75		6.20		2.58		1.30		.00		.00		.39		.70		.33		.37		2.66		1.26		18.54	
HALEAKALA B E S 434	A	10.30		7.14		6.23		2.63		.84		.91		3.19		1.19		4.60		6.05		.39		.45		45.66	
HALEAKALA RANCH 432	A	5.07		4.34		3.09		1.14		.24		.67		.71		.22		.67		1.47		2.82		.27		20.11	
HANA 354	A	9.96	1.73	3.61	3.13	2.54	3.17	.48	3.55	.37	1.95	.87	.34	1.23	1.15	.88	2.39	.65	1.17	1.01	2.62	1.63	3.32	8.54	29.09	24.65	
HALEAKALA SUMMIT 338.4	A	13.45		5.20		3.98		.62		.00		.49		.25		.43		.94		1.01		5.20		1.49		51.23	
HALEAKALA 423	A	8.40		4.38		1.33		2.96		.29		.68		.65		1.49		.58		1.82		2.20		.42		25.20	
HAMAKUAPOKO 485	A	4.89	.21	5.82	.97	5.14	.67	4.60	.10	1.30	1.53	1.94	.45	2.57	1.03	4.10	.45	1.51	.38	3.84	.15	4.10	.97	.91	5.82	40.72	9.39
HANA 354	A	7.99		11.39		2.69		1.89		2.03		2.17		3.58		3.58		1.75		3.83		4.74		1.50		45.94	
HANA AIRPORT 355	A	6.98		10.49		2.90		2.72		3.69		3.83		5.74		3.12		3.23		6.82		3.00		.00		56.20	
HANAHULI 281	A	8.40		13.17		4.62		3.53		2.02		3.39		4.16		5.23		2.63		5.38		7.85		2.61		62.99	
HOLUA CABIN 259.5	A	5.41		6.55		.00		2.59		.12		.05		.62		.38		.10		.71		.98		.98		17.51	
HONOKAHAU 480	A	11.80		10.00		7.20		7.14		3.00		4.00		4.40		13.88		3.10		8.10		.94		.94		82.56	
HONOKOHUA 493	A	11.80		6.77		2.52		.87		.26		.58		.93		.91		.24		1.07		1.67		.54		28.16	
HONOHANU GULCH 341	A	17.20		3.80		5.80		3.20		5.60		2.10		4.10		2.60		5.10		3.80		10.68		.00		63.98	
KAHANUI AP 453.1	A	4.83		4.32		1.69		.19		.05		.08		.13		.22		.10		.37		1.25		.26		13.29	
KAHOMA INTAKE 374	A	9.43		7.35		4.10		10.50		4.10		.49		.70		6.00		4.95		5.05		6.30		1.40		68.18	
KAHOMA 398 AP	R	3.30	.29	5.82	2.32	1.89	.98	.10	1.15	.03	.59	.05	.16	.23	.10	.61	.27	.11	.16	.37	.71	2.80	.25	.01	2.83	13.74	4.69
KAILIITI 436	A	17.09		12.96		7.44		4.69		4.14		4.14		4.14		12.14		10.48		4.74		14.33		.00		45.94	
KAILUA 446	A	10.32	1.21	15.16	4.87	9.17	3.79	8.63	3.08	4.16	4.84	6.22	.88	6.97	3.70	8.08	3.15	2.62	4.36	7.39	2.68	8.58	3.71	3.93	8.78	91.23	32.89
KAUAKULA INTAKE 375	A	9.79		7.53		4.55		3.27		.77		1.28		1.59		1.59		1.04		2.39		.57		3.31		33.96	
KEAHUA 410	A	3.13	.96	3.28	.14	2.08	1.00	.09	1.69	.02	.69	.05	.23	.16	.34	.20	.27	.04	.29	.52	.70	1.99	.61	.7	3.87	11.56	10.51
KEANAE 344	A	24.00		21.40		17.20		17.20		17.41		.80		.80		26.70		17.00		.00		16.90		.00		166.31	
KEANAKAPU BEACH 260.2	A	1.82		3.18		.83		.05		.00		.01		.05		.05		.00		.13		2.23		.15		8.45	
KIHEI 311	A	1.88	1.79	2.74	.98	1.45	.58	.09	.70	.00	.27	.00	.10	.00	.15	.00	.19	.00	.0								

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1974

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
CITY OF REFUGE 27.4	2.24		2.72		.55		1.29		1.93		2.01		2.11		1.61		1.93		1.87		3.03		1.07		22.36	
HALEPUA 214	17.45	12.69	9.33	2.31	5.24	3.59	2.30	5.65	1.15	4.57	2.00	1.81	1.81	1.75	3.95	-.75	1.06	1.07	2.97	2.14	2.96	3.04	4.89	7.89	48.31	-17.26
HALEPUA 142	22.88	14.18	10.10	3.29	14.87	-.28	10.42	2.97	2.88	7.90	3.97	2.67	4.56	5.29	8.21	3.14	5.59	1.88	11.45	-.34	11.52	1.74	11.85	4.4	124.40	-12.05
HALEPUA 52	20.12		6.84		4.44		2.43		1.91		.31		.35		.36		.82		13.68		1.50		61.76			
HALEPUA 117	20.42		8.48				2.40		.04				.35		.69		.80				2.60		1.71			
HALEPOHAKU 111	25.52		5.64		2.33		1.05		T		.06		.00		.55		.89		.94		2.25		1.01		40.24	
HALEPOHAKU VOLCAN NP HQ 54	34.84	24.03	12.31	2.15	12.16	.41	12.22	2.12	4.61	3.14	2.52	2.15	3.15	2.08	3.07	4.13	3.37	1.21	7.83	.94	15.16	3.69	3.04	9.29	114.13	11.34
HAWI 108	9.49		6.85		6.34		3.14		1.56		1.40		3.26		2.63		2.48		3.36		4.70		2.64		47.85	
HAWI COUNTRY CLUB 86.6	51.82		18.43		26.67		20.67		7.54		6.71		9.79		12.54		5.89		21.72		14.22		8.01		204.01	
MILD W30 87 AP	19.62	10.55	9.28	3.62	10.40	3.29	10.23	2.65	3.01	7.06	4.20	2.41	3.83	5.71	8.13	2.75	2.73	4.71	8.88	2.08	11.15	2.62	8.47	7.29	99.93	33.64
HOLUALOA 70	1.80		10.70		4.70		4.80		10.00		7.81		4.52		3.80		3.50		3.10		3.80		.93		59.46	
HOLUALOA BEACH 68	1.46		3.93		2.19		.81		3.62		1.63		1.04		2.01		1.57		2.85		2.76		1.50		25.97	
HONOLULU 27	3.92	1.42	6.16	3.90	2.59	.57	4.65	1.06	7.26	2.79	5.85	1.02	5.85	1.06	5.49	.63	3.75	.78	4.70	2.89	3.10	.49	2.88	.58	58.80	14.59
HONOLULU 137	24.44	15.43	13.08	.99	16.01	1.54	10.75	4.08	2.63	9.70	3.33	3.70	5.69	5.34	9.47	3.55	5.68	2.18	10.40	1.39	10.67	3.39	12.60	5.29	124.71	-25.72
HONOLULU MAUKA 138	41.04	28.43	15.58	2.13	27.73	5.81	16.94	4.28	6.57	11.01	6.45	4.39	9.11	6.13	14.84	3.68	7.96	9.40	17.67	1.79	16.80	1.36	21.30	1.45	201.99	7.80
HONOLULU 71	1.22		11.80		4.50		1.71		3.00		2.06		1.78		1.90		1.95		1.79		3.30		.55		35.56	
HUALALAI 72	1.08		7.70		.73		.53		.16		.15		.26		1.35		.57		.40		.96		.22		14.11	
HUEHUE 92.1	1.68		6.37		2.00		4.61		5.83		1.28		2.43		3.00		1.10		2.76		3.22		1.13		35.41	
KAALA IKT 12	32.83		9.99		6.67		1.48		3.49		1.45		2.78		2.92		3.25		3.27		12.82		3.97		84.92	
KAAHALUA 29	2.41		5.26		2.32		3.62		7.58		4.65		4.72		3.82		4.24		3.87		4.24		2.62		49.35	
KAINALOU 73.2	3.19	-.88	6.16	3.28	2.56	2.60	3.86	2.03	9.91	2.93	6.66	.60	5.46	2.62	6.73	1.41	4.78	2.47	6.45	1.09	3.43	-.86	2.35	1.26	61.54	7.43
KALAPA 69.22	-		-		-		-		3.89		-		4.10		4.90		3.04		3.61		4.40		3.10		-	
KALAPANA 1 67.8	19.23		12.22		8.44		6.51		2.19		1.67		1.44		3.05		2.19		4.13		14.15		4.59		79.81	
KANAKA 2 5	13.03		15.70		4.44		2.22		2.42		4.07		2.47		2.74		.34		4.43		9.40		3.95		64.21	
KANAKA 192.2	4.04	-.17	5.18	1.40	3.56	-.41	1.78	2.77	.49	1.71	-.15	1.42	.74	1.57	.71	1.81	.30	.77	1.64	-.19	1.23	1.55	.45	4.39	19.47	-15.36
KAPAPALA RANCH 36	29.95		25.55		3.17		2.35		.55		2.42		.35		.22		3.53		.10		7.95		2.70		72.84	
KAPOHU BEACH 93.11	-		-		-		-		-		-		2.56		3.00		1.60		-		-		-		-	
KAPOHU LANDING 93.5	10.95		6.66		8.84		6.72		4.35		5.44		5.50		5.39		3.33		7.93		15.18		3.48		83.77	
KAWAHU LOWER 193	20.45		10.46		12.66		7.19		6.96		4.10		9.77		12.96		6.33		10.23		6.54		3.83		117.48	
KEAUA 92	23.34		14.00		12.76		11.91		4.07		4.10		5.86		9.49		3.78		11.64		16.12		8.44		125.31	
KEHENA 181.2	22.75		.00		7.50		12.00		3.10		2.65		.00		.00		.05		-		-		-		-	
KIDOLAKA A C F 6	27.40		20.30		9.00		3.10		4.06		4.00		5.15		4.40		2.05		5.33		7.28		8.43		100.50	
KIPA 89.2	47.73		16.67		26.45		20.43		6.76		5.11		7.58		10.81		8.37		16.55		12.32		12.86		191.64	
KOHALA MAULILI 176	19.77		9.08		7.73		4.23		2.55		1.23		3.79		3.43		3.82		-		-		-		-	
KOHALA MISSION 175.1	11.70	6.03	8.44	3.27	7.22	-.06	3.38	2.65	1.95	2.57	.96	2.66	3.42	2.06	5.39	-.35	1.31	1.24	4.28	-.16	5.61	-.35	2.73	4.83	56.37	6.93
KOIAWE LOWER 196	9.73		9.31		4.40		4.45		3.35		1.65		4.78		7.44		3.90		6.26		3.70		1.91		60.88	
KOIAWE (KAILUA) 68.3	1.18		4.24		1.82		1.80		3.05		1.19		1.70		.70		.95		1.01		1.54		1.10		10.28	
KONA VILLAGE 93.8	1.26		8.34		2.03		.61		.57		.17		.81		.00		.36		.22		1.27		.00		15.64	
KUKAIUA 222	26.68	19.35	11.28	-.34	11.43	2.96	4.03	-.05	.59	7.76	.38	2.94	2.31	3.58	4.80	3.68	1.35	2.01	4.16	3.24	4.29	5.39	2.35	-1.67	73.65	33.27
KUKUIHAELE HIC 199	13.74	8.04	7.29	.24	5.56	4.30	3.32	4.85	.90	4.68	.89	2.07	2.93	2.00	5.28	-.39	1.56	1.17	3.00	2.58	3.08	3.42	1.96	7.21	49.51	24.39
KUKUIHAELE MILL 206	12.57	7.98	7.98	2.24	3.96	3.56	2.53	3.86	.37	4.06	.29	1.76	1.27	2.38	3.47	.77	.77	1.28	1.47	3.31	1.84	3.13	1.13	6.04	37.65	19.91
KULANI CAMP 79	41.68		12.85		11.47		9.05		3.39		1.90		2.99		3.26		3.54		7.49		6.57		2.56		106.75	
KULANI MAUKA 76	22.60		6.20		1.45		1.00		.28		.25		.35		.40		1.35		1.50		1.50		.82		36.63	
KULANI SCHOOL SITE 78	27.10		12.91		9.74		7.22		3.51		1.54		2.33		3.79		2.85		5.39		5.39		2.04		85.54	
KUNIAU 68.2	2.18		8.23		3.85		7.69		14.66		7.54		6.68		5.71		4.66		7.29		5.25		.74		78.49	
MAKAMALAU 103	12.17		1.83		.87		.47		.47		.30		1.15		.22		.65		1.08		4.05		.18		32.08	
MAUKA 2	9.86		2.05		3.00		4.03		4.03		2.00		3.65		2.05		2.60		1.41		4.30		.53		38.28	
MAUNA KEA OBS 111.2	6.87		9.29		.54		T		.00		.00		.00		.20		.18		.47		.00		.00		15.64	
MAUNA LOA SLOPE OBS	7.15		2.65		.80		.00		.16		.16		.16		.28		.11		.24		1.36		.34		16.01	
MIDDLE HOLUALOA 68.1	1.82		6.90		1.81		2.29		4.72		3.97		2.37		2.39		2.20		2.47		.72		3.80		35.46	
MIDDLE PEN 147.1	1.68		4.05		1.20		.75		1.90		.92		.00		.02		1.50		.09		.55		.54		13.20	
MOAULA 18	17.10		2.00		2.30		.62		.86		4.14		.00		.00		.07									

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1975

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
PACIFIC																										
EAST OF 180TH																										
MERITON																										
CANTON ISLAND																										
FAGA ALU RESERVOIR																										
FALEASAO VILLAGE																										
JOHNSTON WSO AP	R	1.49- 1.10		1.10- .85		1.71- 1.14		.51- 2.02		.73- 1.49		.32- .71		.47- .62		.33- 2.25		.66- 1.41		1.42- 2.06		1.13- 1.17		.52- 2.87		10.37-17.69
LEOUE		28.31		16.52		14.39		28.03		18.13		11.07		16.70		4.19		8.33		4.51		11.04		13.90		175.20
FRENCH FRIGATE SHOALS		3.62- 1.25		1.07- 1.84		.91- 2.87		3.34 .18		1.03- 1.29		.92- .55		.49- 1.67		1.30- .44		.05- 1.92		2.32- 1.63		3.84 .34		1.33- 3.52		20.22-16.46
LUMA VILLAGE		20.78		11.68		8.11		19.12		18.59		4.53		9.98		4.82		6.24		9.85						
MIDWAY SAND ISLAND		2.90- 1.77		3.20- .46		4.52 1.52		.97- 1.40		1.91- .31		1.46- 1.50		3.48 .02		3.06- 1.27		1.59- 2.27		6.00 2.24		3.29- .66				
PAGO PAGO WSO AP	R	22.13 9.86		9.88- 4.28		6.57- 5.50		22.77 10.51		17.88 7.19		5.21- 4.20		8.17 1.23		2.95- 4.45		5.57- .51		2.10-10.00		7.69- 2.62		14.15- .70		125.07- 3.47
WESTERN PACIFIC ISL																										
NORTH OF 12 N																										
ANDERSEN AFB GUAM		7.94 3.07		.71- 2.33		2.47- .23		2.91- .76		2.07- 2.33		2.92- 1.72		11.03 2.02		23.88 12.57		10.03- 3.53		11.70- 2.33		16.75 8.79		3.93- 1.93		96.34 10.29
CLARK AFB LUZON		1.35 .76		1.56 1.05		.20- .65		1.32- .21		3.68- .78		6.00- 4.89		4.08- 8.38		16.92- .50		6.73- 7.11		10.35 4.88		1.57- 1.90		4.28 2.90		60.04-14.83
GUAM NAS		7.14 2.58		.60- 2.12		1.72- .56		3.67- .16		1.33- 3.39		2.07- 2.84		9.68 .58		14.49 2.61		8.86- 5.27		12.04- 1.10		12.35 3.63				
GUAM WSO	R	9.88 4.52		1.15- 3.11		2.25- .65		3.67- .36		1.33- 3.16		2.46- 2.73		11.13 1.54		22.54 10.38		8.86- 5.22		10.68- 3.72		12.35 3.84		6.42 .57		92.52 1.86
MANGILAO		7.57		.64		2.40		2.74		.43		2.52		9.22		17.06		8.37		11.89		17.24		4.68		84.76
ROTA		10.33		1.53																						
Saipan USCG LORAN		8.01		4.76		4.33		2.28		1.06		3.15		11.81		17.59		16.00		7.71		9.37		5.22		88.29
WAKE WSO AP	R	.88- .20		2.12 .91		1.44- .16		.91- 1.31		2.19- .06		.90- 1.39		3.08- 1.37		4.48- 1.87		5.73 .04		3.48- 1.97		2.82- .20		6.87 5.14		34.96- 2.44
CAROLINE AND MARSHALL ISLANDS																										
ANGUAR		18.54 7.85				4.20- 2.58				9.82- .67		16.27 5.07		22.27 6.87		16.11 3.18		15.33 4.56		9.69- 1.67		9.90- .04		14.45 4.50		
ENIWETAK		.73- .37		.95- .55		.48- 1.08		.88- 1.23		1.52- 2.84		1.73- 2.21		6.08- .79		7.50 .27		4.43- 3.40		7.74- 2.17		5.26- .67		2.06- 1.04		39.36-16.08
FALALOP I, ULITHI		19.16		.94		2.95		8.31		2.83		11.88		9.39		14.98		17.56		10.79		9.50				
KAPINGMARANGI ATOLL		21.56		12.77		12.35		14.29		3.13		7.47		6.93		8.89		.96		2.69		.51				
KOROR WSO	R	17.29 6.50		2.82- 4.61		6.69- 1.10		10.00 1.31		9.01- 5.52		16.24 2.49		22.86 6.67		8.28- 7.12		17.24 4.25		11.52- 1.07		11.18 .51		21.10 8.23		154.23 10.54
KNAJALEN MISSILE RNG	R	1.05- 2.69		.24- 2.11		.18- 6.05		6.45 .54		8.17- 1.54		13.99 4.06		11.74 2.04		11.22 1.02		11.60 .73		15.62 3.65		15.61 4.15		5.69 3.54		101.54 .26
LELE I, KUSAIE		14.39- 1.89		13.85- 6.26						10.58- 1.57		17.63 5.46		14.08- 3.34		17.46 .77				19.14 5.47		7.10 9.44		26.51 4.77		
MAJURO WSO AP	R	5.20- 3.76		3.21- 3.77		7.77- 1.48		12.76 2.45						14.23 .59		16.35 4.57		16.51 2.12		18.29 2.29		15.28- .10		13.95 2.07		151.76 8.87
METALANIM		4.48		5.73				11.47		21.69		11.39				17.90		18.21		29.25		21.93		33.28		
MOKIL ATOLL										5.70 3.20																
NGASANG, BABELTHUAP		14.21		2.68		4.66																				
PONAPE WSO	R	6.61- 5.14		4.26- 7.18		15.99 .95		16.79- 2.79		17.50- 1.93		18.83 3.17		19.60- 2.22		11.26- 5.44		12.61- 4.15		22.25 5.83		17.22 .05		33.35 17.40		192.27- 1.45
TRUK MOEN I, WSO AP	R	3.71- 4.88		3.86- 2.54		11.17 3.19		4.23- 8.92		17.91 2.17		16.12 3.53		7.35- 8.06		19.72 .28		12.02- 1.05		12.24- 1.15		17.44 5.45		9.99- 3.93		129.78-15.91
VOLEAI ATOLL		5.22												8.20		10.96		6.77		17.87						
YAP WSO AP	R	10.48 11.04		1.20- 4.21		3.12- 2.46		10.73 4.75		9.09- .94		10.67 .23		8.38- 6.26		11.90- 3.24		11.25- 1.84		12.67 .25		6.79- 3.24		10.93 1.05		116.21- 5.23

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES

HAWAII AND PACIFIC
1975

Station	Highest	Date	Lowest	Date	Station	Highest	Date	Lowest	Date
HAWAII					* * *				
* * *					ISLAND OF HAWAII				
ISLAND OF KAUAI					HAWAII VOLCNS NP HQ 54	75	8-18	42	2-21+
KANALOHULU 1075	79	9- 6+	38	12-20	HILO WSO 87 AP	88	2- 2	57	12-18
KILAUEA POINT 1133	89	10- 2	54	3- 4	KAINALIU 73.2	81	10- 3+	54	1-28
LIMUE WSO 1020.1 AP	86	10-24	56	3-30	KAMUELA 192.2	80	11-30+	-	-
MAKAHUEA POINT 940.1	90	11- 8	56	1- 6	KEAAU 92	93	9- 4	56	12-19+
MANA 1026	90	10- 6+	50	2- 2	KOHALA MISSION 179.1	84	9-13	57	1-19+
NIU RIDGE 1035	87	3- 6	51	3- 4+	KONA (KAILUA) 68.3	-	-	-	-
WAIAMI LOWER 1054	87	9-13	48	2- 8	KULANI CAMP 79	75	1-25	34	3- 2+
* * *					MAUNALOA SLOPE OBS	84	9-15	24	1-26
ISLAND OF OAHU					MOUNTAIN VIEW 91	81	9- 8+	52	12-19+
ALOHA STADIUM-HALAWA	-	-	-	-	NAALEHU 14	-	-	-	-
B Y U LAIE 903.1	-	-	-	-	OOKALA 223	84	9-14	54	1-19+
CHURCH COLLEGE LAIE	-	-	-	-	OPIHIHALE 2 24.1	84	10- 7	53	10-18+
EWA PLANTATION 741	-	-	-	-	PAHALA 21	-	-	-	-
HONOLULU WSO 703 AP	90	9- 2	56	12- 9+	PUAKO 95.1	89	9- 6+	59	12-10+
HONOLULU SUBSTA 704	85	9-27	61	3-29	UPOLU POINT USCG 159.2	87	7-29	56	4-17
KANEHE MAUKA 781	87	9-14+	58	3-29					
LUALUALEI 804	89	9-13	54	2- 8+					
MANOA LYON ARBORETUM	86	9-14	54	12-10+					
OPAULA 870	89	9-16+	56	2- 8					
PRI WAIHANA 820.2	89	9-13	53	12-12+					
WAIALEE 896.3	88	6-29	60	3-30+					
WAILUA 847	90	9-28+	56	12-26+					
WAIKIKI 717.2	89	9-11+	54	3-29					
WAIMANALO EXP FARM	89	9-12	57	12-10+					
* * *									
ISLAND OF MOLOKAI									
MOLOKAI AP 524	-	-	-	-					
* * *									
ISLAND OF LANAI									
LANAI AIRPORT 656	-	52	1-28	-					
LANAI CITY 672	-	-	-	-					
* * *									
ISLAND OF MAUI									
HALEAKALA RS 338	75	7-31+	31	1-28					
HALEAKALA SUMMIT 338.4	67	5-30	29	2-24					
HANA AIRPORT 355	86	4-14	59	12-11+					
KAANAPALI AP 453.1	89	9- 4	53	2-21+					
KAHULUI WSO 398 AP	89	6-22	54	1-28					
KAILUA 446	-	-	-	-					
KEAWAKAPU BEACH 240.2	91	10- 8+	55	3- 3+					
KULA SANATORIUM 247	80	9- 3	41	1-29					
LAHAINA 361	91	9-19	59	1-27+					
WAILUKU 386	-	-	60	12-22+					
* * *									
STATE EXTREMES									
HAWAIIAN STATIONS ONLY									
KEAAU 92, HAWAII	93	9- 4	-	-					
MAUNA LOA SLOPE OBS, HA.	-	-	24	1-26					

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

HAWAII AND PACIFIC
1975

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
HAWAII														
* * *														
ISLAND OF KAUAI														
LIHUE WSD 1020.1 AP	EVAP	5.948	6.098	8.508	8.51	10.60	11.17	11.518	11.57	10.84	9.79	6.828	5.618	106.95
	WIND	37818	3817	6338	-	5812	6277	7108	7101	5338	6331	5282	3272	-
	MAX	76.6	77.7	76.9	79.7	83.0	83.3	84.5	84.5	86.3	84.7	82.4	79.4	81.6
	MIN	61.2	58.8	60.3	61.8	62.7	64.0	64.6	64.6	64.9	64.5	62.5	57.8	62.3
* * *														
ISLAND OF OAHU														
HONOLULU OBSERV 702.2	EVAP	4.958	4.73	7.71	8.04	9.41	10.85	11.62	11.66	10.41	10.25	7.428	4.03	101.08
	WIND	387	-	-	-	1040	1103	1270	1284	1008	940	624	-	-
	MAX	79.9	82.3	83.7	87.4	86.9	89.6	89.0	89.5	88.9	86.7	82.0	80.4	85.5
	MIN	60.5	59.6	60.6	63.6	63.5	64.5	65.2	65.5	64.9	64.7	62.8	62.7	63.2

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

HAWAII AND PACIFIC
1975

Station		Jan.	Feb	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov	Dec	Annual
PACIFIC														
JOHNSTON WSO AP	EVAP	8.54	8.75	10.40	10.47	11.94	-	12.41	11.99	11.17	10.64	9.07	9.06	-
	WIND	6033	6127	7119	6545	6744	-	6711	66728	5689	6616	6434	6819	-
	MAX	84.4	84.3	84.8	86.3	86.6	-	86.7	88.3	89.4	86.2	82.9	82.2	-
	MIN	68.4	68.5	68.0	68.4	68.5	-	69.4	70.1	70.1	69.8	68.9	67.7	-
* * *														
WESTERN PACIFIC ISL, NORTH OF 12 N														
GUAM WSMO	EVAP	6.13	6.80	8.08	8.35	9.01	9.29	6.18	5.69	6.14	5.70	6.73	6.39	84.49
	WIND	4257	33308	33158	4496	3291	3848	1969	2232	1997	2271	3525	37758	38306
	MAX	84.5	86.3	87.6	86.6	89.1	88.9	87.8	84.4	88.6	86.5	84.5	84.5	86.6
	MIN	70.4	68.3	68.1	69.7	69.4	70.0	70.4	70.4	70.3	70.0	69.7	68.4	69.6

See Reference Notes Following Station Index

STATION INDEX

HAWAII AND PACIFIC
1975

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983	0140	02	KOLOA	221 57	159 32	1610							C
ANAHOLA 1114	0145	01	KAWAIIHAU	122 08	159 18	180			46				2
BRYDESWOOD STA 985	0240	02	KOLOA	221 56	159 32	720			67				2
EAST LAWA 934	0456	02	KOLOA	221 55	159 30	440			75				2
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	222 06	159 22	275							C
ELEFLE 927	0470	02	KOLOA	221 54	159 35	163			76				2
HALAULA 1110	0935	01	KAWAIIHAU	122 07	159 19	253			75				2
HALENANAO 1006	1038	02	LIHUE	221 58	159 26	490			45				2
HANAIEI TUNNEL 1053	1170	01	KAWAIIHAU	122 05	159 28	1218							S
HUKIPO 945	2161	03	WAIMEA	321 59	159 41	800			36				2
ILIILIULA INTAKE 1050	2222	02	LIHUE	222 02	159 28	1050			42				2
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	122 09	159 34	690							2
KANALOHULU 1075	3099	03	WAIMEA	322 08	159 40	3600		12	22			1	2 3 C
KANEHA RESERVOIR 1092	3104	01	KAWAIIHAU	122 08	159 23	830			14				2
KAPAA STABLES 1104	3159	01	KAWAIIHAU	122 05	159 20	175			36				2 C
KEALIA 1112	3982	01	KAWAIIHAU	122 06	159 19	9			77				2
KEKAHA 944	4272	03	WAIMEA	321 58	159 43	9			82				2 C
KILAUEA 1134	4561	01	HANAIEI	122 13	159 25	320			91				2 C
KILAUEA FIELD 17 1135	4566	01	HANAIEI	122 11	159 24	415			46		JAN		2
KILAUEA POINT 1133	4568	01	HANAIEI	122 14	159 24	180		25	26			1	2 3
KITANO 1037.1	4650	03	WAIMEA	322 02	159 41	2150							C
KOLO 1033	4735	03	WAIMEA	322 04	159 46	36			40				2
KOLOA 936	4742	02	KOLOA	221 55	159 28	240			90				2
KOLOA MAUKA 994	4750	02	KOLOA	221 58	159 29	640			72				2
KOLOKO RES 1137	4758	01	KAWAIIHAU	122 11	159 23	650			43				2
KUKUIULA 935	4950	02	KOLOA	221 54	159 30	100			74				2
LIHUE VARIETY STA	5560	02	LIHUE	222 01	159 23	375			14				2 C
LIHUE 1020	5575	02	LIHUE	221 59	159 22	207			72				2
LIHUE WSD 1020.1 AP	5580	02	LIHUE	221 59	159 21	103		26	26	22		1	2 3 4 C
MAKAHUA POINT 940.1	5785	02	KOLOA	221 52	159 27	52		19	19			1	2 3
MAKAWELI 965	5864	03	WAIMEA	321 55	159 38	140			85				2
MANA 1026	6082	03	WAIMEA	322 02	159 46	20		63	72			1	2 3
MAM 1001	6097	02	KOLOA	221 55	159 28	300							C
MOHITHI UPR CROSS 1083	6433	01	WAIMEA	322 07	159 36	3500			12				2
MOLDA 1145	6529	01	KAWAIIHAU	122 11	159 20	330			50				2
MOUNT WAIALALE 1047	6565	03	WAIMEA	222 04	159 30	5148			29				S
NIU RIDGE 1035	6850	03	WAIMEA	322 02	159 44	1250		31	37			1	2 3
N WAILUA DITCH 1051	6888	02	LIHUE	222 04	159 28	1110			49				2
N WAILUA RIVER 1055	6893	02	LIHUE	222 04	159 26	650							S
PH WAINIHA 1115	8155	01	HANAIEI	122 12	159 34	101			69				2 C
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	122 13	159 29	295			67		MAR		2 C
PUEHU RIDGE 1040	8205	03	WAIMEA	322 01	159 42	1660			37				2
PUHI 1013	8217	02	LIHUE	221 58	159 24	329			41				2
STABLE CAMP 1055.1	8694	02	LIHUE	222 04	159 27	740							C
WAHIAWA 930	8941	02	KOLOA	221 54	159 34	215			72				2 C
WAIAMI LOWER 1054	8958	02	LIHUE	222 01	159 27	565		22	47			1	2 3
WAIAMI UPPER 1052	8966	02	LIHUE	222 01	159 28	780			44				2
WAIATA 943	9253	03	WAIMEA	321 59	159 43	10			82				2
WAILUA KAI 1065	9467	02	LIHUE	222 02	159 21	50			14				2
WAIMEA 947	9629	03	WAIMEA	321 58	159 41	20			64				2
WEST LAWA 931	9955	02	KOLOA	221 54	159 31	210			75				2
ISLAND OF OAHU													
AHUIMANU LOMP 839.12	0055	01	KOOLAUPOKO	121 26	157 51	320							C
ALOHA STADIUM-HALAWA	0172	03	OAHU	321 23	157 56	40		1	1		OCT		1 2 3 C
BERETANIA PUMPING STA	0211	02	HONOLULU	221 19	157 51	20			18				2
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	121 39	157 56	20		4	4		JUN		1 2 3
CAMPBELL IND PK 702.5	0248	02	OAHU	321 19	158 07	10			5				2
CAMP 84 807	0300	03	EWA	321 26	158 04	760			21				C
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	121 39	157 56	20		4	10		JUN		1 2 3 C
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	121 26	157 47	15			19				2
DOWSETT HIGHWDS 780.8	0438	02	HONOLULU	221 21	157 50	565							C
EWA PLANTATION 741	0507	03	EWA	321 21	158 02	50		70	85				1 2 3
HALAWA SHAFT 771.2	0964	02	HONOLULU	221 23	157 54	170							C
HELEMANO INTAKE 881	1384	05	WAIATA	521 33	158 00	1274			59				2 C
HOKULOA 725.2	1540	03	EWA	321 24	158 06	2220			12				2 C
HONOLULU OBSERV 702.2	1918	03	EWA	321 19	158 00	5			14	14			2 4
#HONOLULU WSD 703 AP	1919	02	HONOLULU	221 20	157 55	7		30	30				1 2 3 C
#HONOLULU SUBSTA 704	1924	02	HONOLULU	221 19	157 52	12		72	72				1 2 3 C
H S P A EXP STA 707	2146	02	HONOLULU	221 18	157 50	50			59				2
KAAIAKEI 724.6	2269	02	HONOLULU	221 18	157 43	10							C
KAENA POINT 841.3	2410	04	WAIATA	421 34	158 15	1240			4				2
KAHANA 883	2462	01	KOOLAUPOKO	121 31	157 54	800			59				2
KAHUKU 912	2570	01	KOOLAUPOKO	121 41	157 57	25			84		MAY		2 C
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	121 24	157 45	10			18				2 C
KALAMA VALLEY 724-13	2842	02	OAHU	221 18	157 41	75							C

STATION INDEX

HAWAII AND PACIFIC
1975

Station		Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables	
									Temp.	Precip.	Evap.	Month opened	Month closed		
ISLAND OF OAHU															
KALIHI RES SITE 777	R	2960	02	HONOLULU	221 23	157 50		910		49					2
KANEOME MAUKA 781		3113	01	KOOLAUPOKO	121 25	157 49		325	36	48					1 2 3
KAPALAMA 773	A	3268	02	HONOLULU	221 21	157 52		614		54					2
KAWAIHAPAI #41		3734	05	WAIALUA	521 35	158 11		40		47					2
KAWAI IKI INTAKE 880.2A		3741	05	WAIALUA	521 34	157 59		1180		21		JAN			2
KEMOO CAMP 8 855	A	4318	05	WAIALUA	521 33	158 05		725		52					2
KOOLAU DAM #33	A	4766	05	WAIHAWA	521 30	157 58		1160		62					2
LUALUALEI 804	A	5647	04	WAIANAE	421 26	158 08		113		40				1 2 3	C
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	421 29	158 08		1500		22				2	
LULUKU		5655	01	KOOLAUPOKO	121 24	157 49		240							C
MAKAHA KAI 796.1	A	5766	04	WAIANAE	421 28	158 13		15		50					2
MAKAHA PUMP 800.2	A	5782	04	OAHU	421 29	158 12		400							C
MANDA 712.1		6122	02	HONOLULU	221 19	157 49		220		58					2
MANDA LYON ARBORETUM		6128	02	OAHU	221 20	157 48		500	1	1				1 2 3	
MANDA TUNNEL 2 716	R	6130	02	HONOLULU	221 20	157 48		650		49				2	
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	121 21	157 46		410							C
MOANALUA 770		6395	02	HONOLULU	221 21	157 54		20		76				2	
MOHILANI 835.1		6547	03	OAHU	321 25	157 58		325							C
MOUNT KAAHA 844		6553	04	WAIANAE	421 31	158 09		4015							C
NUUANU RES 4 783		6928	02	HONOLULU	221 21	157 49		1048		72				2	
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	221 20	157 50		410		87					2
OPAELUA 870	A	7150	05	WAIALUA	521 34	158 02		1060	71	72				1 2 3	C
PALI GOLF COURSE 788.1		7656	01	OAHU	121 23	157 47		480		5				2	
PALOLO VALLEY 718	R	7664	02	HONOLULU	221 20	157 46		995		49				2	
PAUOA FLATS 784		7810	02	HONOLULU	221 21	157 48		1640		49				2	
PORTLOCK ROAD 724.4		8126	02	HONOLULU	221 16	157 43		30		13				2	
PRI WAHIAWA 820.2	A	8172	05	WAIHAWA	521 28	158 01		700	11	11				1 2 3	C
PUNALUU PUMP 905.2		8314	01	KOOLAUPOKO	121 35	157 54		20							C
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	221 19	157 51		360		26				2	
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	121 39	158 02		900							C
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	121 22	157 47		488		34					2
SEA LIFE PARK 724.14		8665	01	OAHU	121 19	157 40		40							C
TANTALUS PEAK 780		8730	02	HONOLULU	221 20	157 49		2000							C
TANTALUS 2 780.5		8738	02	HONOLULU	221 20	157 50		1325		13				2	
UNIV OF HAWAII 713	A	8815	02	HONOLULU	221 18	157 49		79		51				2	
UPPER WAHIAWA 874.3		8838	05	OAHU	521 31	158 01		1115		5				2	
WAIHAWA DAM 863	A	8945	05	WAIHAWA	521 30	158 03		854		63				2	C
WAIHOLE #37	A	8964	01	KOOLAUPOKO	121 28	157 53		745		60				2	C
WAIALAE KAHALA 715		9185	02	HONOLULU	221 17	157 47		40		54				2	
WAIALAE 896.3		9190	01	KOOLAUPOKO	121 41	158 02		33	5	5				1 2 3	
WAIALUA 847	A	9195	05	WAIALUA	521 35	158 07		32	69	76				1 2 3	C
WAIANAE 798.2		9231	04	WAIANAE	421 27	158 11		10		81				2	
WAIANAE KAWIWI 801.1		9234	04	OAHU	421 28	158 11		40							C
WAIHANA 836	A	9261	03	EWA	321 28	157 56		800		60				2	
WAIKANE 885	A	9340	01	KOOLAUPOKO	121 30	157 53		760		60				2	
WAIKIKI 717.2		9397	02	HONOLULU	221 16	157 49		10	12	12				1 2 3	
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	221 18	157 45		180							C
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO	121 20	157 43		60						1 2 3	
WAIMANALO NONOKI 795.2		9534	01	OAHU	121 20	157 43		120							C
WAIWEE 892	A	9593	05	WAIALUA	521 38	158 04		330		60				2	C
WAIKOLU 540	A	9738	03	EWA	321 23	158 01		59		78				2	
WILHELMINA RISE 721	R	9980	02	HONOLULU	221 18	157 47		1100		49				2	
ISLAND OF MOLOKAI															
KALAPAPA 563	A	2896	01	MOLOKAI	121 12	156 59		30		12				2	
KAUNAKAKAI 536		3541	01	MOLOKAI	121 06	157 01		12		22				2	
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	121 06	157 01		70							C
KEONELELE PENS 551	A	4394	01	MOLOKAI	121 12	157 12		560		13				2	
KUALAPUU 534	A	4778	01	MOLOKAI	121 09	157 02		878		77				2	
MAPULEHU 542		6138	01	MOLOKAI	121 04	156 48		20		57		JAN		2	
MAUNALO 511	A	6190	01	MOLOKAI	121 08	157 13		1070		48				2	
MOLOKAI AP 524		6534	01	MOLOKAI	121 09	157 06		450	25	27				1 2 3	
PUKOD KAI 545.1		8221	01	MOLOKAI	121 05	156 48		10							C
PUU O HOKU RANCH 542.1		8549	01	MOLOKAI	121 09	156 44		700		14				2	C
WAIKOLU 540	A	9404	01	MOLOKAI	121 08	156 55		3550		12				2	C
ISLAND OF LANAI															
KANEPUU 690	A	3130	01	LAHAINA	120 52	157 00		1650		22				2	C
KAUMALAPAU HARBOR 658		3461	01	LAHAINA	120 47	157 00		30		14				2	C
LANAI AIRPORT 656		5275	01	LAHAINA	120 48	156 57		1300	2	2				1 2 3	
LANAI CITY 672	A	5286	01	LAHAINA	120 50	156 55		1620	43	47				1 2 3	
LANAIHALE 684	A	5301	01	LAHAINA	120 49	156 53		3370		14				2	
MAHANA 694	A	5704	01	LAHAINA	120 52	156 55		1430		22				2	
MALAUFA 676	A	6012	01	LAHAINA	120 46	156 55		1150		14				2	C
WAIKAEKUA 685	A	9021	01	LAHAINA	120 47	156 52		2040		22				2	
ISLAND OF MAUI															
AUWAHI 252	A	0175	02	HANA	220 37	156 20		2060		14				2	
FIELD 46 474		0541	04	LAHAINA	420 59	156 38		1050							C

STATION INDEX

HAWAII AND PACIFIC
1975

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
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ISLAND OF MAUI													
HAELAAU 477	0790	04	LAHAINA	420 57	156 36	2980							S
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	120 55	156 19	525							C
HALEAKALA B E S 434	0995	01	MAKAWAO	120 51	156 18	2100		55					2
HALEAKALA RANCH 432	0999	01	MAKAWAO	120 50	156 19	1850		85					2
HALEAKALA RS 338	1004	02	MAKAWAO	220 46	156 15	7030	31	38					1 2 3
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	220 43	156 16	9960	16	16					1 2 3 C
HALIIMAILLE 423	1075	01	MAKAWAO	120 52	156 21	1070		13					2
HAMAKUAPOKO 485	1086	01	MAKAWAO	120 55	156 21	320		93					2
HANA 354	1122	01	HANA	120 45	155 59	120		14					2 C
HANA AIRPORT 355	1125	01	HANA	120 48	156 01	61	26	26					1 2 3
HANAHULI 281	1148	01	HANA	120 41	156 01	325		28					2
HOLUA CABIN 259.5	1552	02	MAKAWAO	220 45	156 13	6930		13					2
HONOKOHU 480	1882	04	LAHAINA	420 58	156 36	870		12					2
HONOKOHU 493	1887	04	LAHAINA	421 00	156 39	135		49					2
HONOLUA FLD 49 494	1914	04	LAHAINA	421 01	156 38	125							S
HONOMANU GULCH 341	1935	01	MAKAWAO	120 47	156 14	6280		41					2
IAO NEEDLE 387.2	2208	03	WAILUKU	320 53	156 33	1100							C
KAA'NAPALI AP 453.1	2307	04	LAHAINA	420 56	156 42	8	9	9					1 2 3
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	420 59	156 33	650							C
KAHOMA INTAKE 374	2552	04	LAHAINA	420 54	156 38	2000		66					2
KAHULUI WSD 398 AP	2572	03	WAILUKU	320 54	156 26	48	21	21					1 2 3 C
KAILIILI 436	2630	01	MAKAWAO	120 51	156 16	2520		52					2
KAILUA 446	2679	01	MAKAWAO	120 54	156 13	700	64	73					1 2 3
KAU'AU INTAKE 375	3433	04	LAHAINA	420 53	156 38	1585		58					2
KAUPO RANCH HOUSE 259	3576	02	HANA	220 39	156 08	1020							C
KEAHUA 410	3910	03	MAKAWAO	320 52	156 23	480		58					2
KEANAE 346	4091	01	HANA	120 50	156 10	980		72					2
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	220 42	156 27	20		13					1 2 3
KIHEI 311	4489	03	WAILUKU	320 47	156 27	90		54					2 C
KIPAHULU 258	4634	01	HANA	120 39	156 04	260		76					2
KUKUI 380	4887	04	LAHAINA	420 54	156 35	5788							S
KULA HEIGHTS 323.2	5003	02	MAKAWAO	220 47	156 19	2520		13					C
KULA SANATORIUM 267	5006	02	MAKAWAO	220 42	156 22	3004	39	59					1 2 3
LAHAINA 361	5177	04	LAHAINA	420 53	156 41	45	32	63					1 2 3 C
LAUNIUPOKO INTAKE 376	5404	04	LAHAINA	420 51	156 37	1280		63					2
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	420 51	156 39	220		50					2
LUPU UPPER 442	5665	01	MAKAWAO	120 53	156 15	1240		79					2
MAHINAHA 466	5715	04	LAHAINA	420 57	156 40	715		63					2
MOKUPEA 475	6521	04	LAHAINA	420 59	156 37	1290							S
NAKALELE FIELD 60 497	6645	04	LAHAINA	421 02	156 36	340		39					2
OLINDA 332	7040	01	MAKAWAO	120 48	156 17	4127		59					2
OLOWALU 296	7059	04	LAHAINA	420 49	156 38	7		26					2
PAAKEA 350	7194	01	HANA	120 49	156 07	1260		72					C
PAIA 406	7566	01	WAILUKU	120 55	156 23	170		72					2
PANILEIHULU 259.2	7674	02	HANA	220 41	156 08	3570		13					2
POHAKEA BRIDGE 307.2	8060	03	WAILUKU	320 49	156 31	167		23					2
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	220 41	156 20	6150		13					2
PUDOHOKAMOA 2 343	8336	01	HANA	120 50	156 13	2980		48					2
PUUNENE 396	8543	03	WAILUKU	320 53	156 27	60		72					2
PUU PAKI 352	8553	01	HANA	120 46	156 03	2160							S
SPRECKELSVILLE 400.2	8688	03	WAILUKU	320 54	156 25	85		69					2
TWIN GATES 261.3	8742	03	MAKAWAO	320 46	156 23	1310		13					2
UKULELE 333	8744	01	MAKAWAO	120 48	156 15	5230		71					2
UKUMEHAME 301	8750	04	LAHAINA	420 48	156 35	75		47					2
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	220 39	156 24	1900		22					C
WAHIKULI 364	8955	04	LAHAINA	420 54	156 40	580		56					2
WAIHEU CAMP 484	9275	03	WAILUKU	320 55	156 31	320		67					2
WAIHEE VALLEY 482	9315	04	WAILUKU	420 57	156 32	300		60					2
WAIKAMOI 449	9332	01	HANA	120 52	156 12	1200		70					2
WAIKAMOI DAM 336	9335	01	MAKAWAO	120 49	156 14	4320		59					C
WAIKAPU 390	9376	03	WAILUKU	320 52	156 31	470		82					2
WAILUA IKI 348	9460	01	HANA	120 48	156 09	2630							S
WAILUKU 386	9484	03	WAILUKU	320 54	156 30	180	65	75					1 2 3
WAIOPAI RANCH 256	9765	02	HANA	220 38	156 12	220		78					2
ISLAND OF HAWAII													
AHUA UMI 75	0040	05	N KONA	519 38	155 47	5220		53					2
AWINI 182.1	0190	01	N KOHALA	120 10	155 43	1870		71					2
CITY OF REFUGE 27.4	0344	04	S KONA	419 25	155 55	15	6	6					2
EAST HONOKANE 183.2	0450	01	S KOHALA	120 07	155 43	4220		51					2
HA'INA 214	0840	01	HAMAKUA	120 06	155 28	461		87					2
HAKALAU 142	0905	02	S HIL	219 54	155 08	105		85					2
HALEMAUMAU 52	1033	03	KAU	319 24	155 17	3648		44					2
HALEPIULA 117	1060	01	HAMAKUA	119 56	155 24	5770		62					2
HALEPOHAKU 111	1065	02	HAMAKUA	219 46	155 28	9220		37					2
HAWAII VOLCNS NP HQ 54	1303	02	KAU	219 26	155 16	3971	63	64					1 2 3 C
HAWI 168	1339	01	N KOHALA	120 14	155 50	600		77					2 C
HILLO COUNTRY CLUB 86.6	1487	02	HAWAII	219 41	155 10	1600		6					2 C

STATION INDEX

HAWAII AND PACIFIC
1975

Station		Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
									Temp.	Precip.	Evap.	Month opened	Month closed	
ISLAND OF HAWAII														
HILO WSD 87 AP	R	1492	02	S HILO		219 43	155 04	27	30	34				1 2 3 C
HOLUALOA 70	A	1557	04	N KONA		419 38	155 55	3220		48				2
HOLUALOA BEACH 68	A	1562	04	N KONA		419 37	155 59	14		56				2
HOLUALOA MAKAI 69.16		1570	04	HAWAII		419 38	155 58	1040						C
HONAUANU 77		1665	04	S KONA		419 27	155 53	1089		38				2
HONOHINA 137		1701	02	N HILO		219 56	155 09	300		83				2
HONOKANE 181.1	A	1864	01	N KOHALA		120 09	155 44	800		71		JAN		2
HONOMU MAUKA 138		1960	02	S HILO		219 51	155 09	1100		38				2 C
HONUAULA 71	A	2047	04	N KONA		419 40	155 53	6250		47				2
HUALALAI 72	A	2151	04	N KONA		419 42	155 52	8190		48				2
HUEHUE 92.1	A	2156	04	N KONA		419 45	155 59	1960		73				2
KAAEA IKI 12	A	2249	03	KAU		319 08	155 34	1340		38				2
KAAWALOA 29	A	2327	04	N KONA		419 30	155 55	1340		35				2
KAHIKAWI 3.4		2512	03	KAU		319 08	155 46	3700						C
KAINALIU 73.2		2751	04	N KONA		419 32	155 56	1500	41	46				1 2 3
KALAOA 69.22		2887	04	HAWAII		419 44	155 59	2000		1		MAY		2
KALAPANA 1 67.8		2894	02	S HILO		219 20	155 02	10		10				2
KAMAOA 2 5	A	3048	03	KAU		319 02	155 40	1375		22				2
KAMUELA 192.2		3077	01	S KOHALA		120 01	155 40	2670	40	86				1 2 3
KAPAPALA RANCH 36	A	3300	03	KAU		319 17	155 27	2140		90				2
KAPOHO BEACH 93.11		3368	02	HAWAII		219 30	154 49	12		1		JUN		2
KAPOHO LANDING 93.5	A	3369	02	PUNA		219 30	154 52	290		14				2
KAWAINUI LOWER 193	A	3770	01	HAMAKUA		120 05	155 39	1080		66				2
KEAAU 92		3872	02	PUNA		219 38	155 02	285	14	14				1 2 3
KEATWA CAMP 22.1		3925	03	KAU		319 14	155 29	1700						C
KEALAKEKUA 26.2		3977	04	S KONA		419 30	155 55	1450						C
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA		219 55	155 21	5280						C
KEHENA 181.2	A	4245	01	N KOHALA		120 07	155 45	3840		65		SEP		2
KIOLAKAA A & F 6	A	4625	03	KAU		319 04	155 38	1925		47				2
KIPA 89.2	A	4632	02	S HILO		219 44	155 09	1490		24				2
KOHALA MAULILI 176	A	4675	01	N KOHALA		120 13	155 47	960		69		SEP		2
KOHALA MISSION 175.1		4680	01	N KOHALA		120 14	155 48	537	69	86				1 2 3
KOIAWE LOWER 196	A	4685	01	HAMAKUA		120 05	155 38	720		66				2
KONA (KAILUA) 68.3	A	4764	04	N KONA		419 39	156 00	30	27	27				1 2 3 C
KONA VILLAGE 93.8		4765	04	N KONA		419 50	155 59	20		9				2
KUKAIAU 272		4815	01	HAMAKUA		120 02	155 21	840		81				2
KUKUIHALE HIC 199		4928	01	HAMAKUA		120 07	155 35	980		67				2
KUKUIHALE MILL 206	A	4938	01	HAMAKUA		120 08	155 34	300		86				2
KULANI CAMP 79		5011	02	S HILO		219 33	155 18	5170	17	28				1 2 3
KULANI MAIKA 76	A	5018	05	N HILO		519 35	155 27	8300		25				2 C
KULANI SCHOOL SITE 78	A	5021	02	S HILO		219 35	155 20	5735		29				2
LALAMILN FLN OFF 191.1		5260	01	S KOHALA		120 01	155 41	2615						C
LANTHAU 68.2		5330	04	N KONA		419 40	155 58	1530		34				2
LAVA TREE PARK 66.1		5460	02	PUNA		219 29	154 54	650						C
MAKAHALAU 103		5761	02	HAWAII		119 59	155 33	3820		5				2
MANUKA 2	A	6134	03	KAU		319 07	155 50	1760		47				2
MAUNA KEA QRS 111.2		6182	02	HAWAII		219 49	155 28	13770		5				2
MAUNA LOA SLOPE QRS		6198	05	HAMAKUA		519 32	155 35	11150	20	21				1 2 3
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA		419 37	155 58	475		34				2
MIDDLE PEN 147.1	A	6270	01	N KOHALA		120 06	155 50	1380		12				2
MOAULA 18	A	6407	03	KAU		319 11	155 30	600		57				2
MOUNTAIN VIEW 91		6552	02	PUNA		219 33	155 07	1530	39	76				1 2 3
NAALEHU 14	A	6588	03	KAU		319 04	155 35	673	22	87				1 2 3
NAPOOPOO 28	A	6697	04	S KONA		419 28	155 55	395		36				2
NIULII 179	A	6806	01	N KOHALA		120 14	155 45	75		91		SEP		2
OOKALA 223		7131	02	N HILO		220 01	155 17	430	56	86				1 2 3
OPIHIHALE 2 24.1		7166	04	S KONA		419 16	155 53	1270	18	19				1 2 3
ORCHID LAND EST 91.5	A	7185	02	PUNA		219 34	155 00	445		13				2
PAAUHAU 217		7204	01	HAMAKUA		120 05	155 26	415		86				2 C
PAAUULO 221		7312	01	HAMAKUA		120 03	155 22	800		73				2
PAHALA 21	A	7421	03	KAU		319 12	155 29	870	66	84				1 2 3
PAHOA 65		7457	02	PUNA		219 30	154 57	670		66				2
PAKAO 37	A	7643	03	KAU		319 22	155 28	5000		47				2
PAPAIIKOU 144.1		7711	02	S HILO		219 47	155 06	260		77				2
PAPAIIKOU MAUKA 140.1		7721	02	S HILO		219 47	155 08	1270		50				2
PIIHONUA 89	A	8051	02	S HILO		219 44	155 10	1730		51				2
POHAKEA 220.6		8058	01	HAWAII		120 02	155 25	1760		1		JUN		2
POHAKULOA 107	A	8063	02	HAMAKUA		219 45	155 32	6511		39				2 C
PUAKO 95.1	A	8186	05	KOHALA		519 59	155 50	5		14				1 2 3
PUU KIHE 120	A	8393	01	HAMAKUA		119 54	155 24	7750		62				2
PUU LAU 102.1	A	8452	05	HAMAKUA		519 50	155 36	7440		44				2
PUU LEHUA 73	A	8460	04	N KONA		419 34	155 49	4880		53				2
PUU MALI 113	A	8515	01	HAMAKUA		119 55	155 26	6960		44				2
PUU OO 82	A	8550	02	S HILO		219 44	155 23	6340		11		OCT		2 C
PUU WAAWAA 94.1	A	8555	05	N KONA		519 47	155 51	2520		73				2 C
SADDLE ROAD 1 84	A	8590	02	S HILO		219 42	155 12	2340		28				2
SOUTH POINT CORRAL 3	A	8675	03	KAU		318 57	155 41	500		28				2 C
UMIKOA 118		8780	01	HAMAKUA		119 59	155 23	3420		83				2

STATION INDEX

HAWAII AND PACIFIC
1975

Station	Index No.	Division No.	County	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ISLAND OF HAWAII													
UPOLU POINT USCG 159.2	8830	01	N KOHALA		120 15	155 53	61	18	20				1 2 3
WAIKAE SCD 88.2	9025	02	S HILO		219 40	155 08	1050		24				2
WAIKALOA-ROTS CAS 95.8	9142	04	HAWAII		519 56	155 48	900		1		JUN		2
WAIKANDOUA 178.6	9350	01	N KOHALA		120 08	155 47	3830						C
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	20	20				1 2 3
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		18				2
FALEASAO VILLAGE	4248	03	TA'U'AMAN		14 14S	169 31W	16		7		NOV		2
JOHNSTON WSO AP	4320	01	LINE ISLANDS		16 44N	169 31W	7	20	20	14			1 2 3 4
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	9	9				1 2 3
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	20	20				1 2 3
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		7		NOV		2
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	23	23				1 2 3
PAGO PAGO WSO AP	4690	03	AMER SAMOA		14 20S	170 43W	12	10	10				1 2 3
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	8	8				1 2 3
WESTERN PACIFIC ISL, NORTH OF 12 N													
ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	21	21				1 2 3
CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	22	22				1 2 3
#GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	19	19				1 2 3
GUAM WSMO	4229	03	MARIANNA IS		13 33N	144 50E	361	19	19	16			1 2 3 4
HANGILAO	4468	03	GUAM		13 27N	144 49E	60		6				2
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		15				2
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	17	17				1 2 3
WAKE WSO AP	4901	01			19 17N	166 39E	11	28	34				1 2 3
CAROLINE AND MARSHALL ISLANDS													
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		20				2
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	20	23				1 2 3
FALALOP I, ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	15	19				1 2 3
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	8	13				1 2 3
KOROR WSO	4351	02	CAROLINE IS		7 20N	134 29E	94	26	26				1 2 3
KWAJALEIN MISSILE RNG	4375	01	MARSHALL IS		8 44N	167 44E	7	23	23				1 2 3
LELE I, KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	17	17				1 2 3
MAJURO WSO AP	4460	02	MARSHALL IS		7 05N	171 23E	10	20	21				1 2 3
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	9	9				1 2 3
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		14				2
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		16				2
PONAPE WSO	4751	02	CAROLINE IS		6 58N	158 13E	123	25	25				1 2 3
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	1					1 2 3
TRUK, MOEN I, WSO AP	4851	02	CAROLINE IS		7 28N	151 51E	5	25	26				1 2 3
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	8	8				1 2 3
YAP WSO AP	4951	02	CAROLINE IS		9 29N	138 05E	44	27	27				1 2 3

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

STATION NAMES Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- A The letter "A" shown following station name, (Table 2 and Station Index): Amounts carried in the monthly "Precipitation" column are for the period from last measurement of a preceding month through the last measurement of the current month. See Daily Precipitation Table of the monthly Climatological Data for the dates of measurement. Measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- † DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH-CENTRAL 4-WESTERN 5-NORTH-CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the December issue.

Years of record as shown in the Station Index are approximate since gaps in the records may not have been considered in arriving at the totals shown.

The four-digit identification numbers in the Index are assigned on an island basis. There will be no duplication of numbers within an island.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

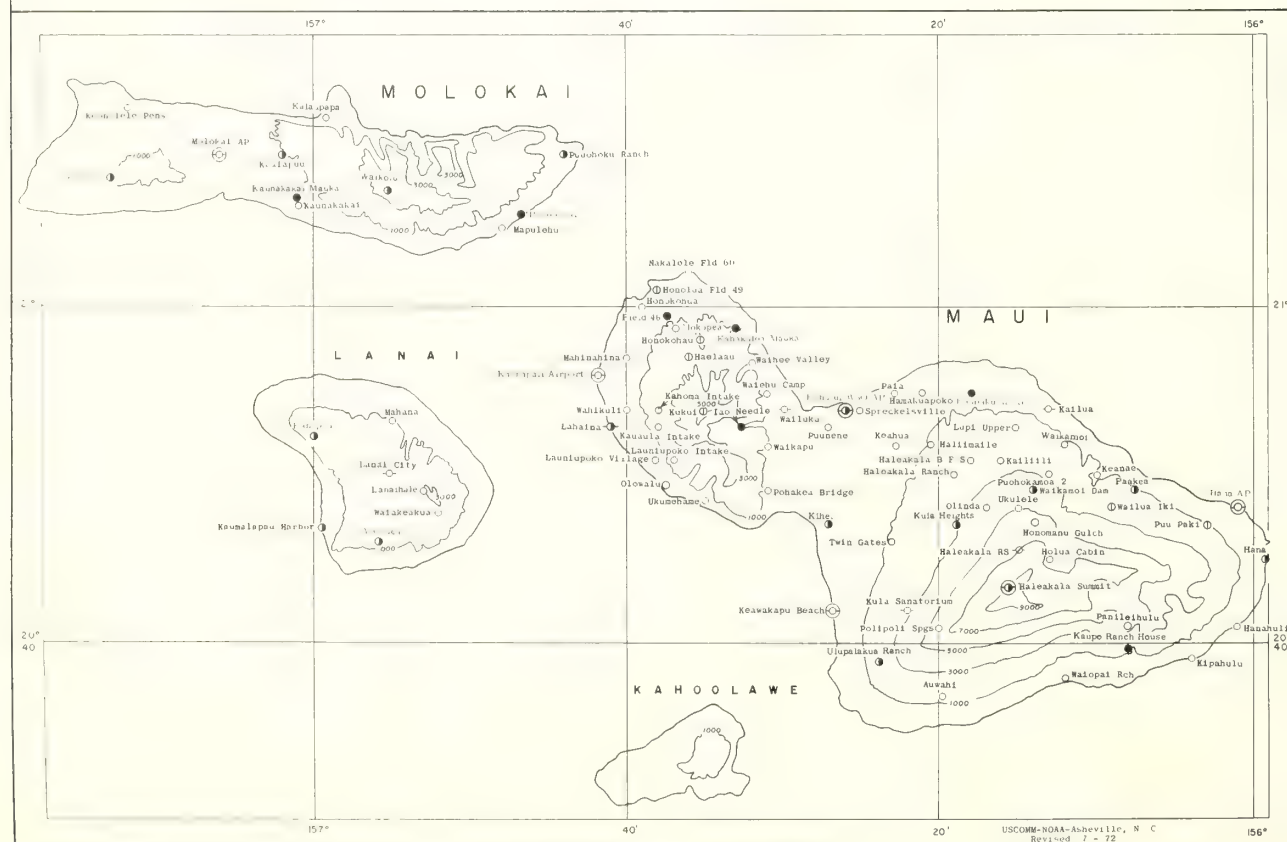
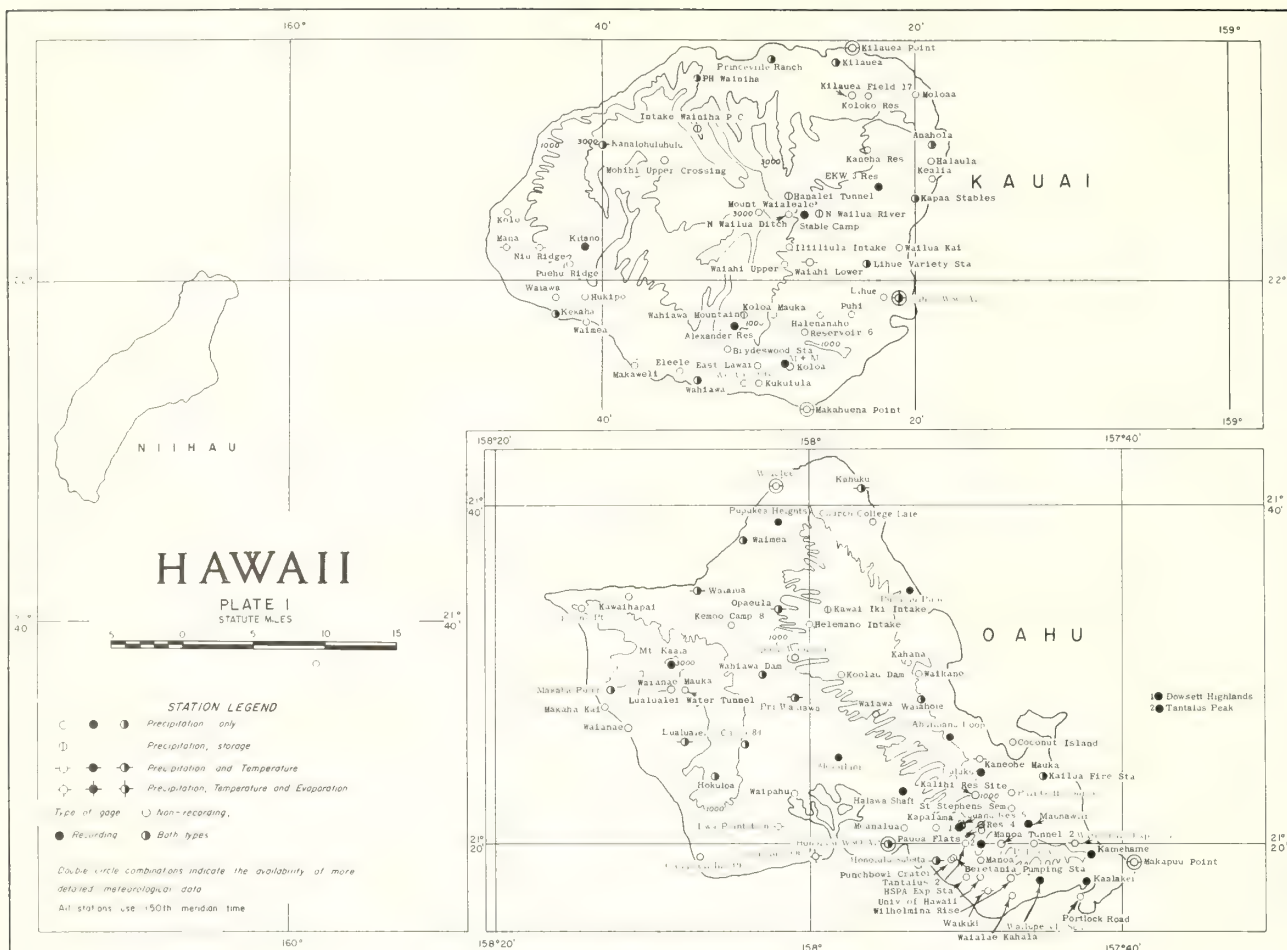
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

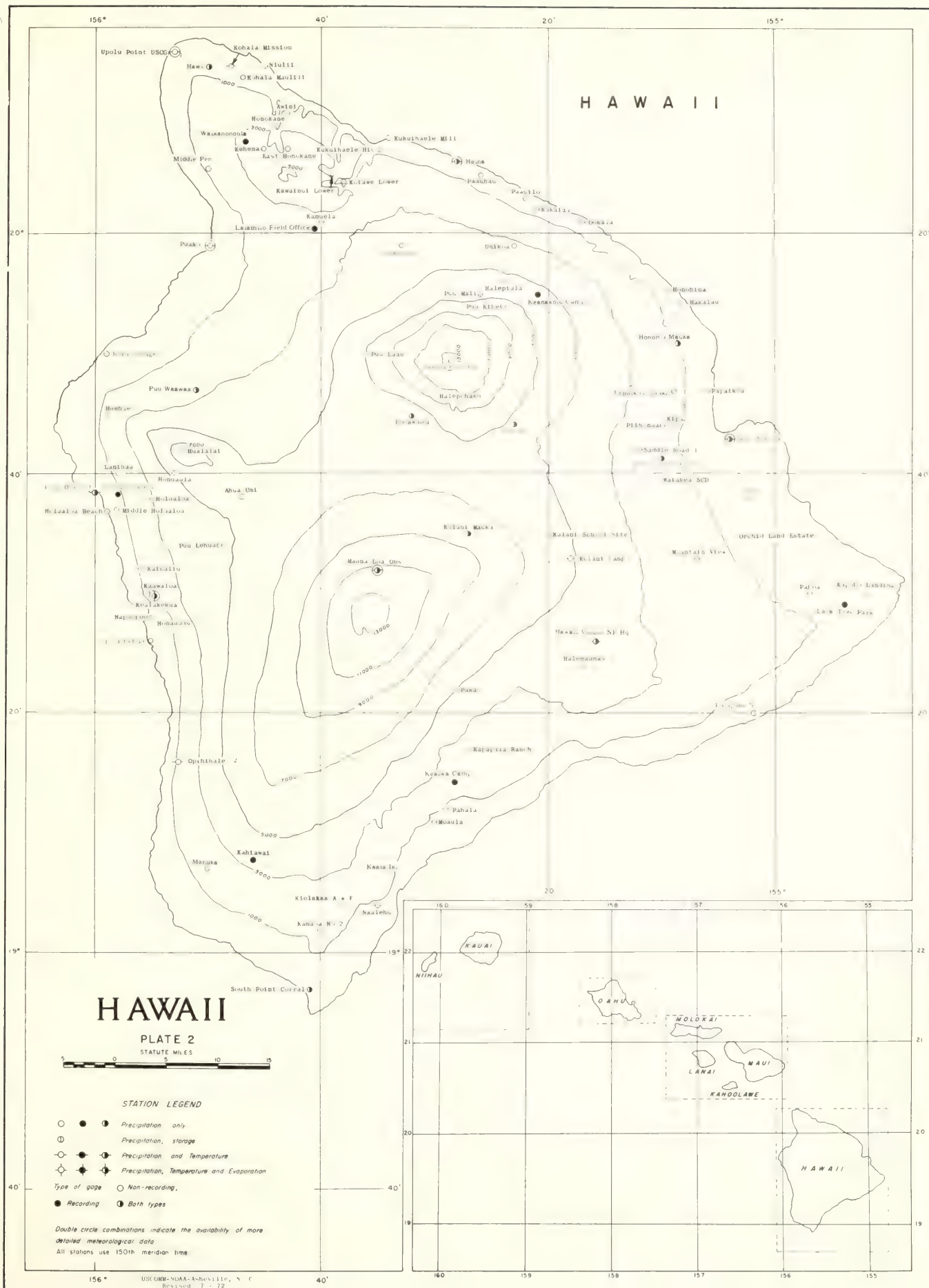
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

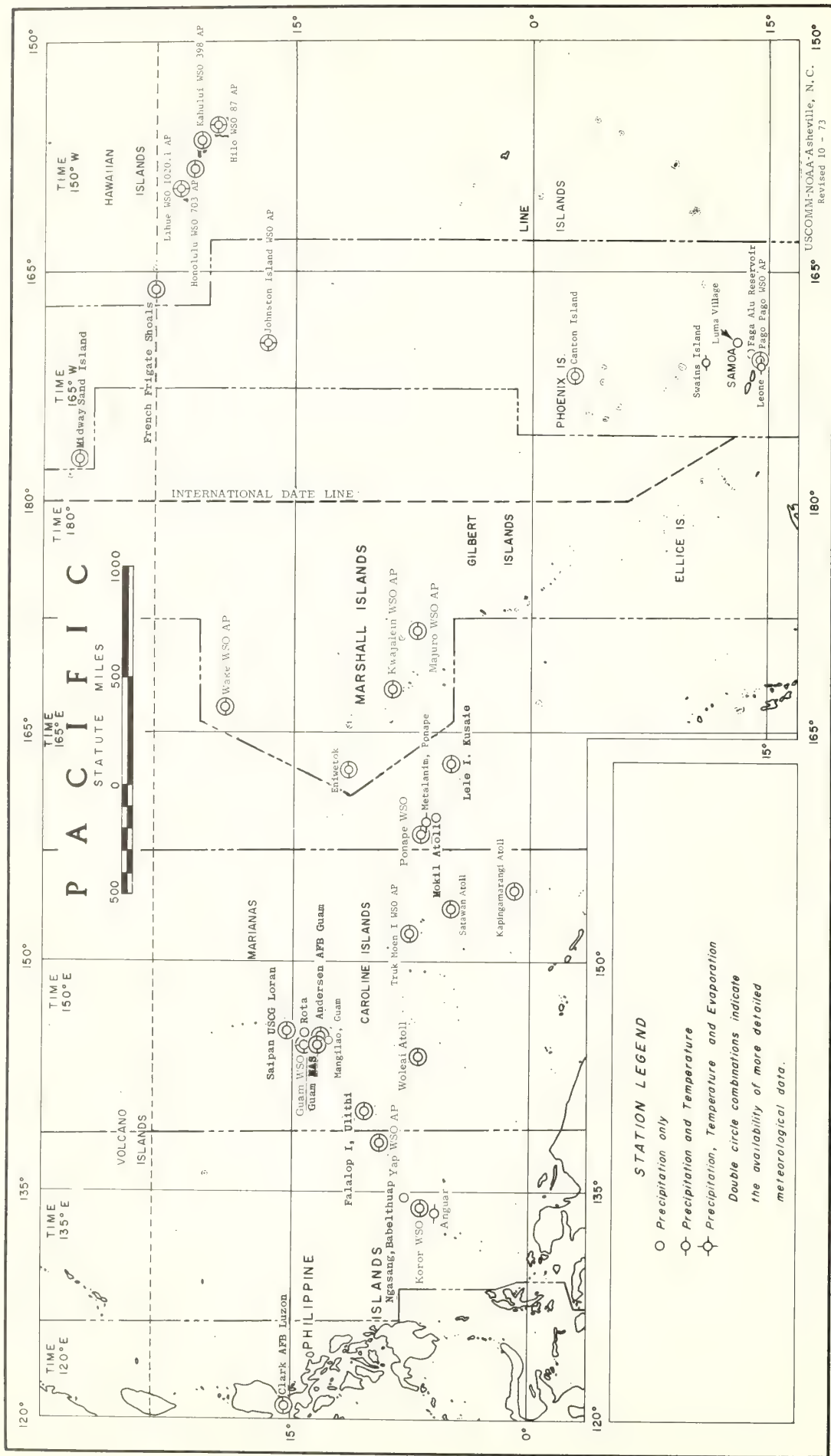
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

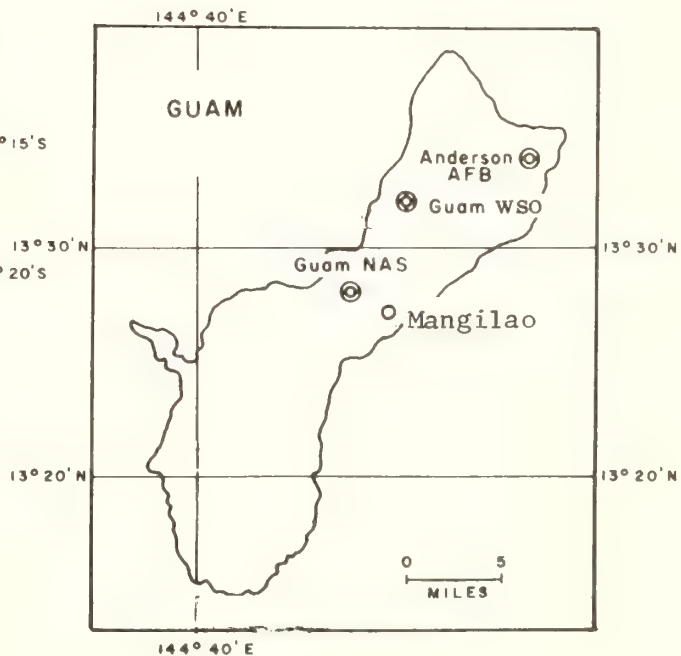
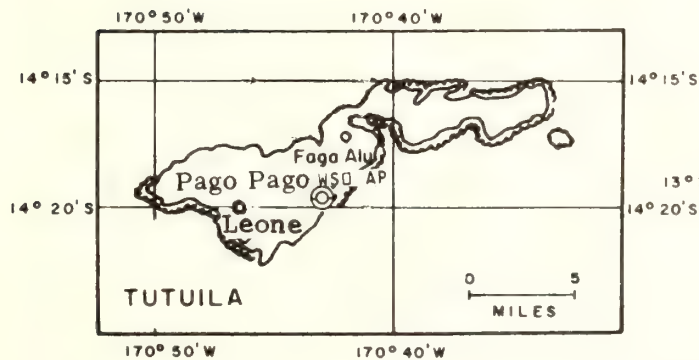
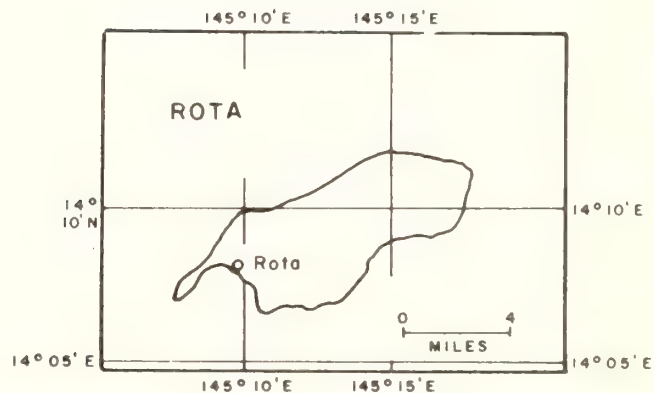
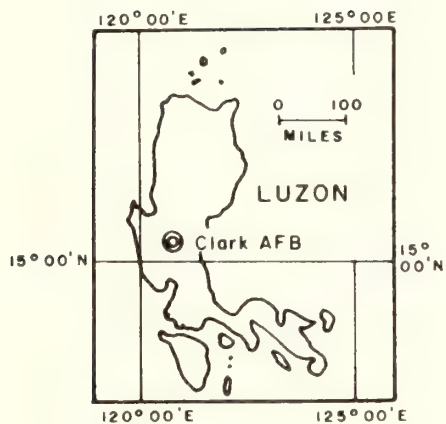
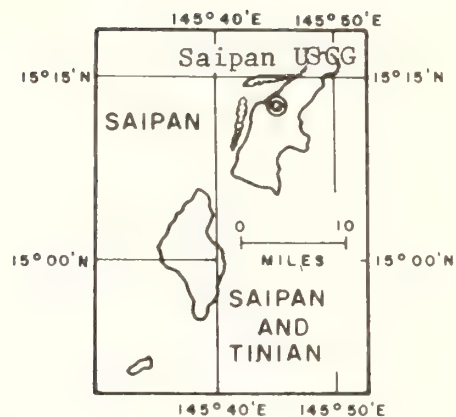
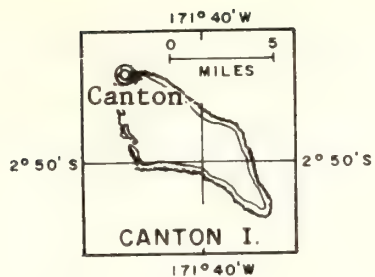
Thomas D. Potter
Director, National Climatic Center

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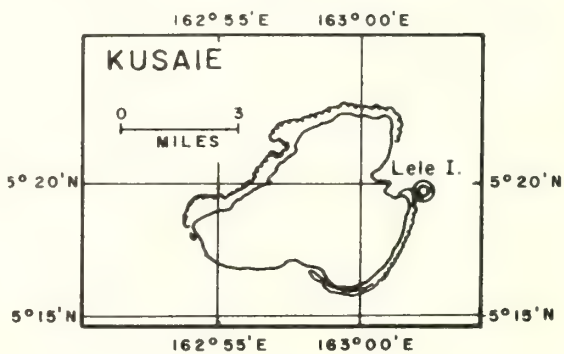
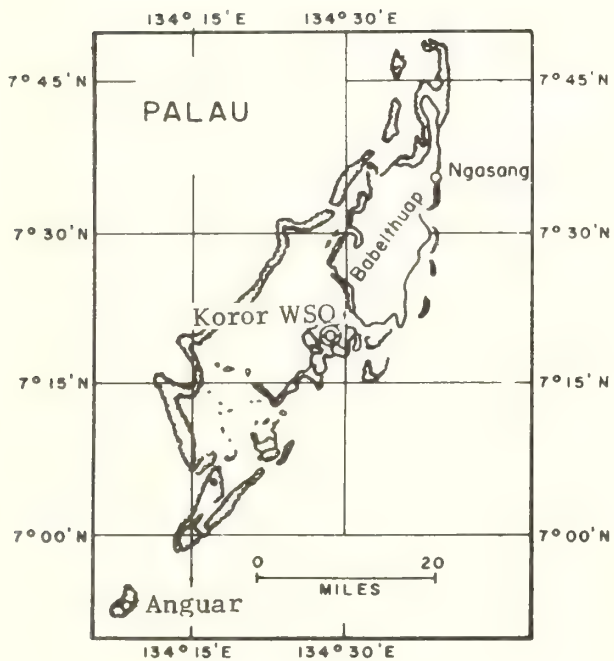
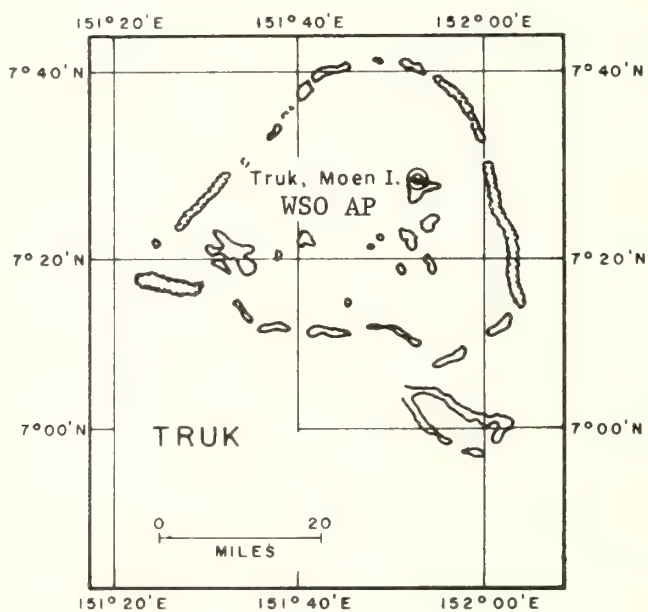
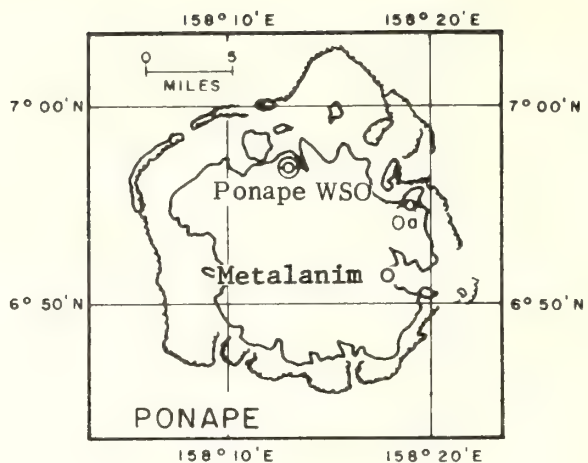
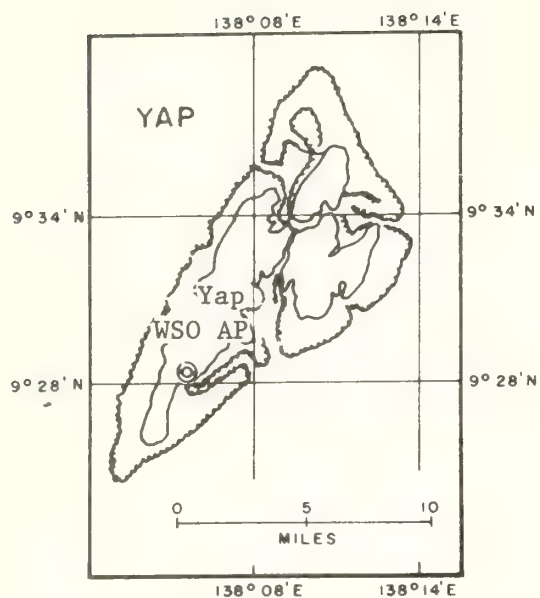




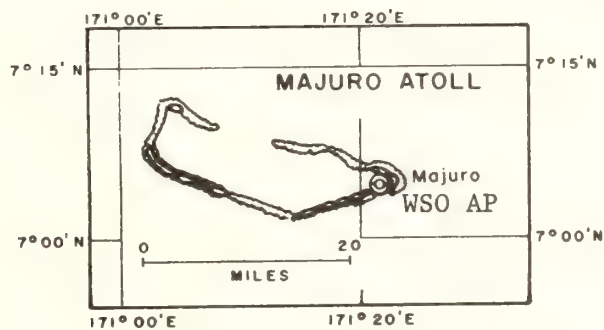
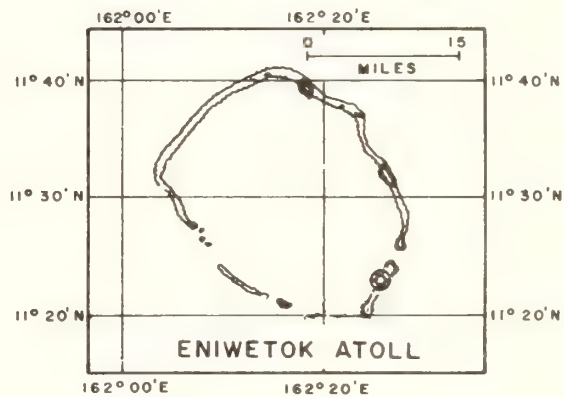
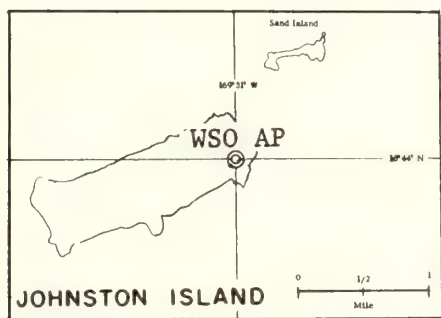
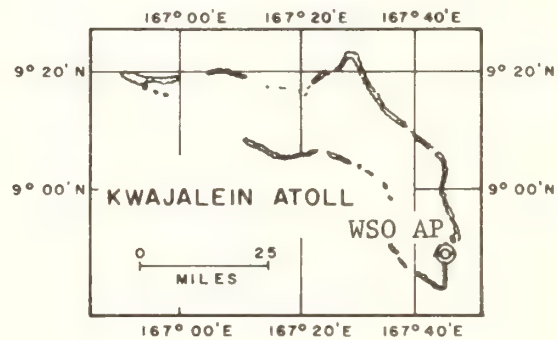
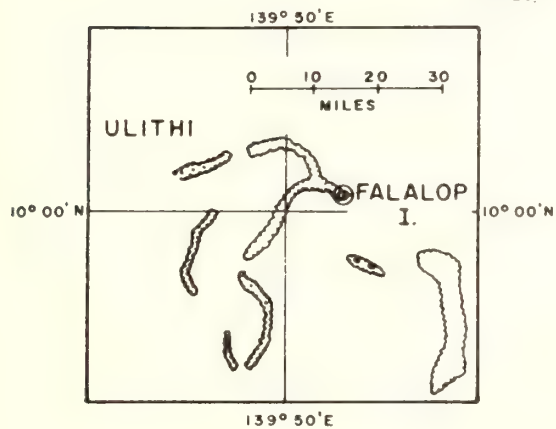
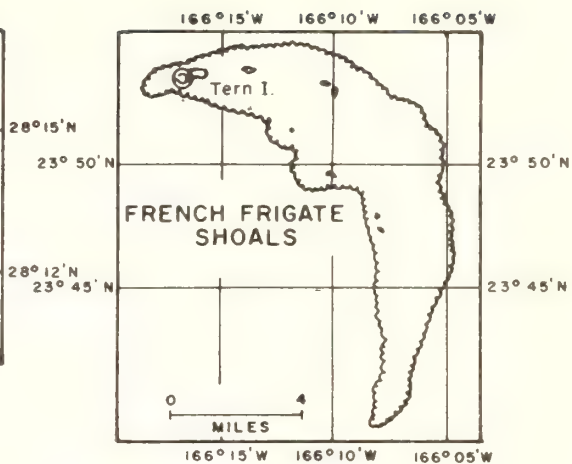
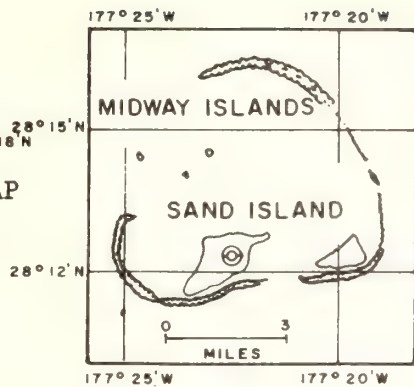
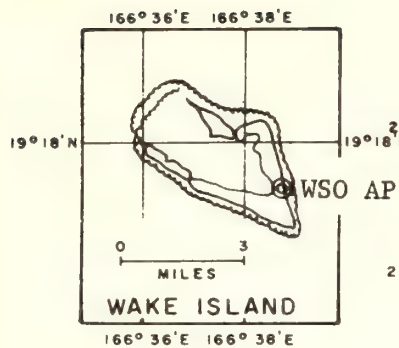




Reef



— Reef





U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U S DEPARTMENT OF COMMERCE

COM 210



THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: MAKAHUENA-KAUAI 940.1 KAUAI 87 DATE 30+
LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 24 DATE 31+
GREATEST TOTAL PRECIPITATION: HILO COUNTRY CLUB 88.3 HAWAII A 33.19
LEAST TOTAL PRECIPITATION: 2 STATIONS .00
GREATEST 1 DAY PRECIPITATION: WAIKAMOI DAM 336 MAUI 9.45 DATE 16

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSO AP	-	-	-	24	SE	30+	-	80	81	88	2	6	11	4	0	4	27	46	7.5
HILO, HAWAII, WSO AP	18	2.1	6.3	21	NW	16	85	82	72	85	2	3	8	4	7	0	24	43	6.4
HONOLULU, OAHU, WSO AP	6	5.8	9.6	27	NE	16	82	82	61	74	6	4	4	0	0	0	14	61	5.5
JOHNSTON ISLAND WSO AP	8	13.0	15.1	45	E	07	78	79	72	77	6	5	7	1	2	0	21	65	5.0
KAHULUI, MAUI, WSO AP	5	6.8	11.0	30	E	07	81	83	61	73	4	6	4	0	1	0	15	80	4.0
KOROR WSO AP	8	5.1	6.9	29	SW	31	88	-	80	74	2	7	11	5	1	0	26	55	8.3
KWAJALEIN WSO AP	6	13.3	13.7	23++	7	18	77	79	70	74	5	9	3	2	0	1	20	-	7.8
LIHUE, KAUAI, WSO AP	8	4.7	10.8	25	S	30	78	78	68	75	5	10	4	1	1	0	21	54	5.9
MAJURO WSO AP	7	10.3	11.3	28	E	18	79	79	74	77	5	6	7	3	1	1	23	54	7.2
PAGO PAGO WSO AP	5	7.4	9.7	29	NE	09	86	85	73	80	2	10	13	4	0	0	29	34	8.3
PONAPE WSO AP	-	-	-	21	NE	18	80	-	73	75	4	10	3	3	1	1	22	62	8.0
TRUK,MOEN I. WSO AP	6	10.2	11.5	29	SE	28	80	-	76	76	3	10	6	3	1	1	24	33	9.7
WAKE WSO AP	8	11.6	15.7	28	NE	17	86	87	70	78	3	9	5	0	0	0	17	79	4.5
YAP WSO AP	8	7.5	9.2	27	NE	30	85	-	78	78	2	8	11	4	2	0	27	62	7.5



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter DIRECTOR NATIONAL CLIMATIC CENTER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	-5.0 OR MORE	-1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1976

STATION		TEMPERATURE											PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	5.00 OR MORE	10.00 OR MORE		
											32°-39°	40°-49°	50°-59°	60°-69°												
HAWAII																										
KONA (KAILUA) 68.3	A	M	M	M		83	30	61	30		0	0	0	0	.81									0	0	0
KUKUIHAELE HIC 199															5.60											
KULANI CAMP 79		61.6M	43.7M	52.7M		66	31	39	28		0	0	0	0	14.72		1.60	17	.0	0		13	4	1		
PAHALA 21	A					80	28	57	19		0	0	0	0	18.46		5.90	6	.0	0		15	5	3		
POHAKULOA 107	A														5.55		8.40	6	.0	0						
PURAO 95.1	A	79.6	63.0	71.3		85	9	58	20		0	0	0	0	1.10		.70	22	.0	0		3	1	0		
PUU WAHAA 94.1	A														1.18		.50	22	.0	0			1	0		
SOUTH KONA 2.31																			.0	0						
UNIKOA 118																			.0	0						
WAIKOA SCD 88.2															28.52		5.32	7	.0	0		21	15	9		
ISLAND				65.0											10.73				.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS				
											MAX.	MIN.	TOTAL	DEPTH ON GROUND					DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE			
PACIFIC																									
EAST OF 180TH MERIDIAN																									
CANTON ISLAND		86.6M	75.0M	80.8M		88	16+	72	29		0	0	0	0	.22		-10	23	.0	0		1	0	0	
FAGA ALU RESERVOIR															4.15				.0	0					
FALERSAO VILLAGE															17.74		2.28	14	.0	0		16	12	8	
JOHNSTON WSO AP		R 79.5	72.2	75.9	-.9	83	30	66	5		0	0	0	0	6.41	3.82	1.97	9	.0	0		10	3	2	
LEONE															9.47		1.53	16	.0	0		16	7	2	
FRENCH FRIGATE SHOALS		77.4	66.9	72.2	.8	81	13	61	31+		0	0	0	0	3.73	-1.14	1.53	6	.0	0		6	1	1	
MIDWAY SAND ISLAND																			.0	0					
PAGO PAGO WSO AP		R 85.3	73.9	79.6	-.7	88	31	69	17		0	0	0	0	5.69	-6.58	.71	19	.0	0		17	4	0	
SWAIN ISLAND																			.0	0					
WESTERN PACIFIC ISL. NORTH OF 12 N																									
ANDERSEN AFB GUAM		80.5	74.5	77.5	-.7	83	15+	71	3		0	0	0	0	16.26	11.39	4.33	25	.0	0		17	8	6	
CLARK AFB LUZON		83.6	71.6	77.6	-.2	88	30+	66	26+		0	0	0	0	.63	.04	.38	3	.0	0		2	0	0	
GUAM NAS																			.0	0					
GUAM WSMO		R 82.5	69.7	76.1	-1.2	85	5	63	30		0	0	0	0	20.39	15.23	6.05	25	.0	0		19	8	4	
MANGILAO															20.20		6.32	26	.0	0		18	8	5	
ROTA																			.0	0					
SAIPAN USCG LORAN		85.2	73.7	79.5		88	1	69	7		0	0	0	0	8.65		2.78	1	.0	0		13	5	2	
WAKE WSO AP		R 82.5	72.2	77.4	.4	85	24+	67	27		0	0	0	0	1.19	.11	.48	3	.0	0		5	0	0	
CAROLINE AND MARSHALL ISLANDS																									
ANOUAR																			.0	0					
ENIWEATK		84.6	72.2	78.4	-2.7	86	27+	69	19+		0	0	0	0	.35	-.75	.09	8+	.0	0		0	0	0	
FALALOP I. ULITHI																			.0	0					
KAPINGMARANGI ATOLL		89.5	74.6	82.1		91	31+	67	26		18	0	0	0	3.16		.83	26	.0	0		10	2	0	
KOROR WSO		R 88.6	75.1	81.9	.7	91	5	73	21		7	0	0	0	7.80	-2.99	1.33	25	.0	0		17	6	1	
KWAJALEIN MISSILE RGN		84.4	76.3	80.4	-.8	86	26+	72	11		0	0	0	0	4.18	.44	2.20	1	.0	0		6	3	1	
LELE I. KUSAIE																			.0	0					
MAJURO WSO AP		83.5	75.2	79.4	-1.4	85	31+	72	10		0	0	0	0	8.57	-.39	3.08	1	.0	0		12	5	2	
METALANIM		85.4				89	6				0	0			7.53		2.30	18	.0	0		10	5	3	
MOKIL ATOLL																			.0	0					
NGASANG, BABELTHUAP																			.0	0					
PONAPE WSO		87.1	76.0	81.6	1.0	90	6	73	13+		1	0	0	0	6.02	-5.73	2.05	18	.0	0		8	5	2	
SATAWAN ATOLL																			.0	0					
TRUK, MOEN I. WSO AP		R 85.5	76.8	81.2	.2	88	3	73	28+		0	0	0	0	10.57	1.98	4.46	28	.0	0		11	5	2	
WOLEAI ATOLL																			.0	0					
YAP WSO AP		R 85.8	72.6	79.2	-1.2	88	4	69	27+		0	0	0	0	7.36	-1.08	1.16	2	.0	0		17	6	2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1975

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
ANAHOLA 1114	A	5.56	x	x	x	x	.22	.06	1.00	.51	.10	x	x	15	05		03	.15	x	x		15	10	2	05	.03	.03				.05	.01	.03	x
BYRDESWOOD STA 985	A	3.92	x	x	x	x	.62	.80	1.00	.07	.19	x	x	45			05	.03	.20					.12	.03								.30	x
EAST LAHA 934	A	2.86	x	x	x	x	.19	.59	.86	.04	.17	x	x	28			03	01	.27					.12	.01	x					.05		.01	x
ELEELE 927	A	1.40	x	x	x	x	.13	.24	.72	.01	.03	x	x	06					05					.08									.08	x
HALEAULA 1110	A	5.46	x	x	x	x	.34	.05	1.00	.36	.10	x	x	06				.15	.25	x	x		.13	55	2	.40	.06						.01	x
HALENAHAWA 1006	A	5.31	x	x	x	x	.40	.56	1.40	.26	.26	x	x	50			.04	.38	x	x		04		.78	.40	.02	x				.12		.06	x
HUKIPO 945	A	2.64	x	x	x	x		1.15	.41									.06						.05	.03								.94	
ILILIULA INTAKE 1050	A	12.18	x	x	x	x	1.05	1.15	2.78	.72	.98	x	x	1.02			04	.08	.10				.06	1.03	.10	.03	x			.05	.02		.03	1.20
INTAKE WAIKIHIA PC 1086	A	13.12	x	x	x	x	.57	.24	1.24	.02	.08	x	x	23				x	x	x		4	27	x	x	x	x			2.09	x	x	.28	x
KANALOHULULU 1075	A	10.14	.07	.03			.02	1.25	1.72	.03		.02					.02	.11	1.34				.06	.16	.13	.02	.08	.04		.02		.02	.18	4.82
KANEHA RESERVOIR 1092	A	12.84	x	x	x	x	.60	.40	2.36	.40	.43	x	x	65			.03	.01	.23	x	x		.10	.25	6.95	.25	.04						.15	x
KAPPA STABLES 1104	A	5.14	x	x	x	x	.07	.19	1.24	.12	.18	x	x	.18				.01					.35	x	x	.07	.25	2.64	.05			.01	x	
KEALIA 1112	A	4.78	x	x	x	x	.10	.03	1.10	.40	.10	x	x	.05				.01					.25	x	x	.20	.25	2.20	.05			.04	x	
KEKAHA 944	A	1.76		.01			.34	.40	.02									.07								.04	.05						.83	
KILAUEA 1134	A	11.84					.42	3.60	.82	.24				.42										18	2.56	1	.98							.91
KILAUEA POINT 1133	A	7.16		.09			.70	1.00	.03	.01	.39			.02									17	3	11	.75	.01						.54	
KOLOA 1033	A	2.74					.53	.55										.07							.11							.09	1.39	
KOLOA 936	A	3.02	x	x	x	x	.20	.88	.67	.05	.13	x	x	.39			.01	.03					.37							.01		.05	x	
KOLOA PUKA 904	A	5.27	x	x	x	x		1.65	x	x	x	x	x	2	.26	x	x	x	x	x	x			.59	x	x	x	x	x	.77	x	x	x	
KOLOKO RES 1137	A																																	
KUKUIULA 935	A	1.93	x	x	x	x	.02	.53	.80	.01	.04	x	x	.11											.24	.01	x			.02			x	
LIHUE VARIETY STA	A	5.26	x	x	x	x	.20	.34	1.26	.08	.33	x	x	.14				.02	.15					19	1	.65	.06	.05	x		.01	.22	x	
LIHUE 1020	A	4.45	x	x	x	x	.57	.24	1.24	.02	.08	x	x	.16				.02	.01	.11						.13					.04	.1	.45	
LIHUE HSD 1020.1 AP	A	3.55	.01			T	T	.74	.03	.06	.01	.02	.03	T				T	.11								.13						.05	
MAKAHUEA-KAUAI 940.1	A	6.85		.03			.84	.34	.45	.09	.06	.16	.01	.03																			1.85	
MAKAMOLI 965	A	1.92			.23		.27	.50					.04																				.02	.75
MAKA 1026	A	2.51					.42	.68																										1.32
MAKAIHIA CRSS 1083	A	6.08			.23			.02																										
MOLOKA 1145	A						.02		1.83		.16																							
MOUNT WAIALEALE 1047	A																																	
MTU RIDGE 1035	A	2.95							1.22																									1.62
M WAILUA DITCH 1051	A	14.12	x	x	x	x	1.02	.87	3.72	.43	.82	x	x	1.05			.03	.05	.06				3	.07	x	x	16	.03	.91	.94	.05	x	.01	.01
PA WAIKIHIA 1115	A		x	x	x	x	.41	.63	3.09	.34	.27	x	x	.30																			.02	x
PRINCEVILLE RANCH 1117	A	9.51	x	.12	x		.09	1.15	3.50	.11	.20	x	x	.66																				
PUEHU RIDGE 1040	A	4.05					1	.33	.68				.05																				1.56	
PUNI 1013	A	1.45	x	x	x	x	.12	.54	.50	T	.01	x	x	.04																			.11	x
WAIKIHIA 930	A	1.67	x	x	x	x	.07	.45	.52	.02	.03	x	x	.08																			.92	
WAIKAI LOWER 1054	A	8.66		.08	.10		.14	.09	.59	2.18	.35	.78	.37	.19	.06																		1.00	
WAIKAI UPPER 1052	A	10.27		.09	.11		.17	.07	.61	2.32	.42	.91	.55	.32	.09																		1.05	
WAIKAI 943	A	2.38						.45	.75																									1.00
WAILUA KAI 1065	A	4.83	x	x	x	x	.28	.10	1.20	.22	x	x	.06				.03	.17	x	x													.19	x
WAIPIA 947	A	1.56		.05			.30	.34																										.78
WEST LAHA 931	A	2.34	x	x	x	x	.04	.60	.81	.12	.05	x	x	.16			.01	.03															.01	x
ISLAND OF OAHU																																		
ALPHA STADIUM-HALAWA	A	1.25	x	x	x	x	.05	.65	.05	.01																							.05	
BENETANIA PUMPING STA	A	1.28					.54	.01	.04	.06	x	x	.08																				.59	
B T Y LAIE 803.1	A	3.50	.32	.02			.01	.06	.04	.06	T	.08	.23	.15	T			.02	.12	.02					.15	.1	.14	.04	.03	.81	.01	T	T	T
CAMPBELL 1ND PK 702.5	A	.88																																.46
CAMP 84 807	A	2.19	x	x	x	11	T	x	.34	.25	x	.02	x	x	.02																		1.14	
COCONUT ISLAND 840.1	A		x	58	x		.07	.10	.05	.02	x	x	.04	x	.21																		.01	x
EWA PLANTATION 741	A	.40	x	x	x	x	.11	.08	T																								.02	
HELEMANA INTAKE 881	A	1.22	x	x	x	x	x	x	x	x	x	x	.41	x	x	.05	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
HONOLULU 725.2	A	.74	x	x	x	x																												
HONOLULU OBSERV 702.2	A						.11	.01																									.40	
HONOLULU HSD 703 AP	A	1.29	T				T	.24	T			T																					.01	.44
HONOLULU SUBSTA 704	A	1.67					.11	.67																									.41	.22
H S P A EXP STA 707	A	1.18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KAEHA POINT 841.3	A		x	x	x	x	x	.10	x	.01	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KAHANA 883</																																		

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAHAKAKAI 536		.47															.04							.41	.02								
KEHELE PENS 551	A	1.00	x	x	x	x	x	.02	x	x	x	x	.03	.03	x	x	.03	x	x	.13				.33							.06	1.50	
KUALAPU 534	A	.68	x	x	x	x	x		x	x	x	x	.03	.02		.21	.05	x	x	.04													
MAUNALO 511	A																																
MOLOKAI AP 524	A																																
PULU HOU RANCH 542 1	A	7.14	x	.05	.01		.06	.04		.05	.08		.05	.06			.09	.09			.31		.08			.01						2.16	
WAIKOLA 540	A	8.01	x	x	x	x	x	.85	x	x	x	x	x	1.02	x	x	x	x	x	x	6.14	x	x	x	x	x	x	x	x	x	x	x	
ISLAND OF LANAI																																	
KANEPU 600	A	1.34	x	x	x	x	x	x	x	1.22	x	x	x	x	x	x	x	x	x	.07	x	x	x	x	x	x	x	x	x	.05	x	x	
KUMUAPU HARBOUR 650	A																																
LANAI AIRPORT 656	A																																
LANAI CITY 672	A	1.06	x	x	x	x	x	.01	x	x	.55	x	x	.02		.01	x	x	x	.08	.01	.02	.03								.07	.81	
LANAI HALE 684	A	1.04	x	x	x	x	x		x	x	.55	x	x	x	x	x	x	x	x	.38			x	x	x	x	x	x	x	.11	x	x	
MAHANA 694	A	.18	x	x	x	x	x	x	x	.15	x	x	x	x	x	x	x	x	x	.02	x	x	x	x	x	x	x	x	x	.01	x	x	
MAHUA 676	A	.00																															
WAIKAEKUA 685	A	.40	x	x	x	x	x	x	x	x	x	x	x	.03	x	.01	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.06	.38	
ISLAND OF MAUI																																	
AIWAHI 252	A	4.14					1.51	1.76	.01	.05	.06	.15	.01	.05	.17	.04	.05	4.03	1.05	.10	.82			.03								1.34	x
HALEAKALA B E S 434	A	7.95	.01	.03	.02	.05	.24	.01	.05	.06	.15	.01	.05	.17	.04	.05	4.03	1.05	.10	.82			.03										1.33
HALEAKALA RANCH 432	A	3.97	x	x	x	x	.06	.22	x	x	x	x	x	x	x	x	2.83	x	x	.86	x	x	x	x	x	x	x	x	x	x	x	x	
HALEAKALA RS 338	A	6.91	.02	T	.02	T	.05	.66	.42	T	T			.04	.20	.02	T	3.10	.51	.04	.03			T	.02								
HALEAKALA SUMMIT 338.4	A																																
HALEPALE 423	A	2.38	x	x	x	x	14	.22	.01	.04	.03	.14	.04	.04	.21	.12	T	1.62	x	x	.33												
HAKAUPAOKO 485	A	3.01	x	.01	.40	.06	.02	.24	.01	.04	.06	.25	x	.45	.22	.07	.01	.80	1.04	x	.07	.22	.04	.92			.04					.47	.01
HAKA 354	A	5.56	x	x	x	x	.08	.06	.23	.10	.17	.25	x	.45	.02	.09	T	.02	.02		.02											.42	x
HAKA AIRPORT 355	A	1.59																															
HANAHULI 281	A	6.19	.70				.95	.65	.10	.25	.09	.10	.22	.18	.22	.13	.82	.65	.93	x	x	.02	.12					.01	x	x	x	2.05	
HOLUA CABIN 259.5	A	6.15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.15	x	x	x	x	x	x	x	x	x	x	x	x	x	
HONOKOHU 480	A	2.44	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.44	
HONOKOHU 493	A	.49	x	x	x	x	.01	.02	.01	x	x	x	x	.10	.05	.10	.01	.04	x	x	.08	x	.07										
HONOHU GULCH 341	A	14.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	14.00	
KANAPALI AP 453.1	A																																
KANOHU INTAKE 374	A	2.90	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.90	
KANULU WSO 390 AP	A	2.78		.02		.04	.02		T	T		T		.03	T	.29	.20	.19			.01	.03										.16	1.79
KAILIHI 436	A	12.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	12.40	
KAILUA 446	A	1.42	x	x	x	x	1.20	.44	.56	.28	.20	x	1.02	.56	.33	.01	.70	x	x	.49	.07	.01									.20		
KAILUA INTAKE 375	A	1.42	x	x	x	x	.15	x	x	x	x	x	x	x	x	x	x	x	x	1.05	x	x	x	x	x	x	x	x	x	x	x	x	
KEAHUA 410	A	1.12		T				.12	x	x	x	x	x	x	x	x	.80	.10	.09	x	x	x	x	x	x	x	x	x	x	x	x	.01	
KEAHUA 346	A	19.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	16.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.80	
KEAHUA BEACH 260 2	A																																
KIHEI 311	A	1.18						.10									.80	.05															
KIPAHULU 258	A	5.35	.22	.20			.40	.35	.32	.30	.26	.20	.40	.10		.21	.35	.33	.21		.79	.12	.18							.20	.03	.20	
KULA HEIGHTS 323.2	A	5.35	.02				.60		.03	.01		.01	.12				2.85	.14		T			.02	.02									1.62
KULA SANATORIUM 267	A	2.61	.21	.02	.01		.46		.05					.01			.09																.54
LAHAINA 361	A	.69																															.01
LAUNIPUOKA INTAKE 376	A	1.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.40	
LAUNIPUOKA VILLAGE 372	A	.77					.08																										.65
LUPU UPPER 442	A		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MAHINAHINA 466	A	2.23	x	x	x	x	.03	.03	x	x	x	x	x	.02	.04	.06	1.00	.08	.25													.72	x
MAKALELE FIELD 60 497	A	1.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.49	x	x	x	x	x	x	x	x	x	x	x	x	
OLINDA 332	A	11.65	x	x	x	x	x	.65	.46	.04	.03	.06	x	x	.47	x	.41	.01	7.25	x	2.22	x	.03	.01	x	x	x	x	x	x	x	x	.58
OLULU 296	A	.70					.03											.09															
PAKOA 350	A	18.36	1.44	.15	.81	1.73	.20	1.57	2.50	.84	.54	1.24	.09	.54	.81	.12	.12	2.01	2.01	.28	.26	.01		.05							.04		
PATA 406	A	1.77	.03	.15	.01	.10		.10	T	.02	.03	T		.03	.05	.03	.01	1.17	.02	.11	.01		.02										
PANILEHU 259.2	A	9.98	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	9.98	
POHAKA BRIDGE 307.2	A	2.25	x	x	x	x	.05		x	x	x	x	x	x	x	x	x	x	x	2.11	x	.07		.02									
POLIPOLI SPRINGS 267.2	A	5.65	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.65	
PUNAHONA 2 343	A	19.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	19.80	
PUNENE 386	A	1.76	x	x	x	x	x	.06	x	x	x	x	x	x	x	x	x	.46	.12	x	.09	x	x	x	x	x	x	x	x	x	x	1.03	
SPRECKELSVILLE 400.2	A	.66		.01	.02		.09							.02	.02		.31	.02	.12	T	.02											.01	
TUIN GATES 261.3	A	1.47	x	x	x	x	x	.28	x	x	x	x	x	x	x	x	x	x	x														

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KEARU 92	A	19.08	.65	.64	1.14	.48	2.33	1.10	3.18	1.32	.19	.54	.01	.50	1.03	1.61																
KIOLAKA A & F 5	A	2.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
KIPA 89.2	A	31.19	x	x	x	x	9.28	3.20	7.50	2.10	.43			1.54	92	1.90																
KOHALA MISSION 175.1	A	3.39	.07	T	12	.10	.22	12	22	10	.05	.05	.02	.32	36	6.1	.04															
KOTIAHE LOWER 106	A	9.73	x	.83	x	x	x	x	x	x	1.67																					
KONA (KAILUA) 68.3	A	.81	x	.33			.08	.18		.18		x	x	.06																		
KONA VILLAGE 93.8	A	1.04																														
KUKUHAU 222	A	11.23	.51	.03	.47	12	1.70	.52	2.64	15	.23	10	.05	.05	.43	22	.03															
KUKUHALE HIC 199	A	5.60	.15	.05			.66	.50	.24	.16	.05	.02	.07	.15	.30	.32																
KUKUHALE MILL 206	A	3.85	x	x	x	x	.83	.28	.37	.09	.05	x	x	.07	.12	.29																
KULANI CAMP 79	A	14.72	1.00	.30	.30	.33	3.50	5.90	.47	.08		.70	.11	.08	.51	.01																
KULANI MAUKA 76	A	0.59		.10	.16	.45	3.52	2.10	1.50	.03		.02		.23																		
KULANI SCHOOL SITE 78	A	0.63	x	x	1.38	x	x	x	x	x	x	x	6.49	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
LAKIHAU 68.2	A	2.68	.32	.04																												
MAKAHALAU 103	A	3.56							.52	.28	.07																					
MAUKA 2	A	3.17	x	1.00	x	x	.60	T				x	x	.10	T	.15																
MAUKA KEA 085 111.2	V	.75	.05	T		.05	x	x	x	.27		x	x	T	.07																	
MAUKA LOA SLOPE 085	A	5.35		.04		.05	2.43	1.49	.90			x	x	x	.05																	
MIDDLE MAHALA 68.1	A	2.14	x	x	x	x	1.85	x	x	x		x	x	.25	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MIDDLE PER 147.1	A	.62	x	x	x	x	x	x	.11	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MAULA 18	A	18.25	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOUNTAIN VIEW 91	A	25.93	1.05	.95	1.65	.69	3.36	3.02	4.58	1.15	.35	.69	.02	.64	.93	1.36																
MAULEHU 14	A	13.66	x	x	x	x	2.00	6.00	2.90	.03																						
NAPAHOO 28	A	1.44	x	x	x	x	.07	x	x	x		x	x	.36	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
OKALA 223	A	13.68	.04	.09	.66	.25	2.46	.75	4.20	.65	.21	T	.16	.21	.49	.23	T															
OPITHALE 2 24.1	A	4.51				.31	.75	.01	.03	.16	.01	T																				
ORCHID LAND EST 91.5	A	24.26	x	2.84	x	x	x	x	x	x	.75	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAHAU 217	A	6.05	.09	.19		.02	1.30	.36	.93	.03	.05	.02	.17		.25	.40																
PAHAU 221	A	9.24	.06	T	.29	.02	1.33	.41	1.78	.04	.19	.03	.02		.30	.22	T															
PAHALA 21	A	18.46	.30	x	x	x	3.65	8.40	3.13	.15					.04	.03																
PAHAU 65	A	22.61	.52	.44	.88	.36	1.80	2.27	2.39	.58	.46	.77	.03	.72	1.34	1.59																
PAKA 37	A	22.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAIKOU 144.1	A	20.38	x	x	x	x	6.02	1.01	5.20	1.22	.39	x	x	1.02	.70	.65																
PAPAIKOU MAUKA 140.1	A	31.48	x	x	x	x	9.00	2.10	8.05	1.71	.71	x	x	1.46	1.20	1.04																
PIIHONUA 89	A	37.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PONAKA 220.6	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PONAKULA 107	A	5.55	.24	x	x	x	1.47	x	x	3.15	x	x	.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUAKO 95.1	A	1.10	T			.02	.10	T	T						.03	T																
PUU KINE 120	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU LAU 102.1	A	1.75	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LEHUA 73	A	1.15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MALI 113	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU MAUKA 94.1	A	1.18	x	x	x	x	12	.07							.01	.02																
SADDLE ROAD 1 84	A	37.63	x	4.25	x	x	x	x	24.00	x	x	x	x	x	4.38	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
SOUTH KONA 2.31	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										

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DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1976

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PACIFIC																																	

EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	.22																																
FAKA OFU RESERVOIR	4.15																																
FALEASAO VILLAGE	17.74																																
JOHNSTON HSO AP	6.41	08		.28																													
LEONE	9.47	31	.48																														
FRENCH FRIGATE SHOALS	3.73		.06	.46																													
MIDWAY SAND ISLAND																																	
PAGO PAGO HSO AP	5.68	18	.18	.08																													
SWAIN ISLAND																																	

WESTERN PACIFIC ISL.																																	
NORTH OF 12 N																																	
ANDERSEN AFB GUAM	16.26	2.07	.04	1.06																													
CLARK AFB LUZON	.63																																
GUAM NAS																																	
GUAM HSO	20.39	2.82	T	.34																													
MANGILAO	20.20	.05	2.80	.29																													
OTA																																	
SAIPAN USCG LORAN	8.65	2.78		.38																													
WAKE HSO AP	1.19		.05	.48																													

CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR																																	
ENIWEATK	.35																																
FALALOP I., ULITHI																																	
KAPINGMARANGI ATOLL	3.16																																
KOROR HSO	7.80	.61																															
KWAJALEIN MISSILE RGN	4.18	2.20	T																														
LELE I., KUSAIE																																	
MAJURO HSO AP	8.57	3.08	.28	T																													
METALANIM	7.53																																
MOEL ATOLL																																	
NGRASANG, BABELTHUAP																																	
PONAPE HSO	6.02	.01	.02	.02																													
SATAHAN ATOLL																																	
TAUK, MOEN I., HSO AP	10.57	50	05																														
WOLEAI ATOLL																																	
YAP HSO AP	7.36	.03	1.16	.01																													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JANUARY 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	64 46	65 51	65 52	66 43	68 45	60 56	66 58	64 55	64 52	65 51	68 43	67 46	65 47	64 42	65 42	57 48	63 49	60 44	64 41	62 42	62 49	64 42	64 42	65 49	64 51	67 55	65 41	70 41	70 42	59 47	51 49	64.0 47.1
KILAUEA POINT 1133	MAX MIN	78 69	80 69	80 73	79 71	80 70	77 70	77 70	77 71	79 70	78 70	79 68	79 68	78 69	77 66	74 64	78 64	76 64	77 64	77 65	78 64	75 69	76 65	78 68	79 68	82 66	79 68	79 63	77 66	81 70	77 68	77.7 67.8	
LIHUE WSO 1020.1 AP	MAX MIN	78 70	80 74	80 74	79 71	79 75	79 73	79 76	77 73	77 73	79 74	79 70	80 73	79 73	80 68	81 64	76 59	78 64	77 66	77 62	78 66	77 60	78 67	80 64	80 68	80 68	81 63	79 63	78 66	80 69	71 64	78.5 69.3	
MAKAHUEA-KAUAI 940.1	MAX MIN	77 69	75 70	77 70	76 70	76 69	77 69	73 69	73 66	73 69	72 69	75 69	78 69	78 65	83 65	82 64	82 69	82 66	82 66	83 69	81 63	82 63	83 67	83 69	81 63	80 63	84 68	85 63	87 68	85 69	87 63	87 62	79.5 67.0
MANA 1026	MAX MIN	85 62	83 62	84 62	82 61	82 62	82 63	77 68	79 64	80 60	82 61	80 61	82 64	84 59	80 61	85 62	79 59	83 55	84 56	83 57	79 59	78 60	82 60	84 59	84 62	83 68	84 69	85 58	85 68	82 72	80 63	82.1 62.0	
NIU RIDGE 1035	MAX MIN	80 62	79 60	79 60	79 61	80 60	79 61	76 60	78 61	78 60	79 61	78 60	79 61	77 57	76 60	78 60	75 55	76 57	77 56	78 55	78 59	76 58	77 58	78 57	79 60	80 63	78 66	78 62	78 62	78 62	78 62	78.1 59.7	
WAIKAI LOWER 1054	MAX MIN	61 58	77 57	78 60	78 61	84 64	78 66	73 69	79 66	78 60	77 60	79 61	84 62	82 57	80 60	77 56	77 55	76 57	77 57	78 53	78 56	73 58	77 54	77 57	78 57	79 57	80 58	81 54	81 57	80 56	80 57	77.5 58.6	
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN					80 62	77 66	80 69	78 70	82 68		82 66	84 67	80 64	82 62	82 63	82 63				80 60	78 59	77 63	80 62	82 61		82 64	81 64	81 60	82 61	82 66		
B Y U LAIE 903.1	MAX MIN	79 64	79 72	78 70	79 73	78 68	77 71	77 73	79 72	79 76	78 69	79 71	79 70	81 72	81 68	80 62	79 66	77 68	78 63	78 61	77 62	78 63	80 63	80 61	81 63	80 60	81 63	81 60	81 63	84 65	86 64	79.5 66.5	
EWA PLANTATION 741	MAX MIN					81 60	80 64	82 69	79 68	79 67		82 63	80 63	81 62	81 60	80 60	80 60				80 58	78 60	77 60	80 59	80 61		81 61	82 60	83 59	82 58	82 63		
HONOLULU WSO 703 AP	MAX MIN	82 63	83 69	83 70	83 68	81 66	84 70	81 73	80 72	81 69	81 69	84 69	83 69	82 70	82 65	83 62	78 66	80 67	79 60	78 63	78 63	83 66	81 62	80 63	81 66	80 63	80 66	83 62	82 63	80 65	78 61	81.1 66.2	
HONOLULU SUBSTA 704	MAX MIN	78 67	78 72	78 72	79 71	78 69	80 67	77 71	76 70	77 68	79 70	80 72	79 70	79 71	81 70	80 67	75 67	76 68	79 66	77 67	77 67	78 68	81 67	78 68	78 70	79 70	80 71	79 69	79 68	78 70	74 65	78.2 69.0	
KANEHE MAUKA 781	MAX MIN	78 66	75 67	78 70	76 70	78 67	76 70	75 70	74 70	75 67	75 66	76 69	75 68	76 68	78 66	76 66	80 65	75 65	73 66	80 65	78 65	76 66	76 66	80 66	81 67	79 67	80 65	80 62	79 62	81 64	76 64	77.3 66.8	
LUALUALEI 804	MAX MIN	78 64	78 68	78 68	79 64	78 61	81 70	78 72	77 70	77 70	79 64	78 62	79 66	81 67	81 62	81 60	74 68	78 58	79 60	80 61	78 61	78 62	80 60	81 62	81 63	80 61	82 62	82 60	80 60	83 68	74 64	79.1 64.0	
MANDA LYON ARBORETUM	MAX MIN	77 60	77 63	78 65	77 65	79 62	76 63	81 65	72 65	76 63	74 64	77 63	81 64	76 64	77 59	81 64	75 59	80 62	79 58	77 58	77 59	78 61	82 61	82 61	80 61	82 61	82 61	80 61	78 61	79 60	76 61	78.1 61.7	
OPAEULA 870	MAX MIN	72 58	74 57	73 60	72 61	80 62	79 64	78 65	75 67	75 64	79 65	80 67	82 64	79 63	79 60	80 62	80 62	79 63	79 65	80 62	80 61	80 61	80 62	80 61	80 62	80 62	80 62	80 62	80 61	80 61	76 58	78.4 62.0	
PRI WAIKAWA 820.2	MAX MIN					79 59	77 61	78 65	75 66	80 61	80 61	80 61	79 60	83 58	78 58	74 62	76 56	80 56	75 56	79 59	78 57	82 57	79 57	82 57	80 60	83 57	84 57	83 57	85 57	81 58	79.5 59.1		
WAIALEE 896.3	MAX MIN	76 67	76 67	77 68	72 66	77 67	77 69	76 70	77 71	76 67	75 67	77 70	77 68	77 70	77 65	77 65	73 68	75 62	78 65	77 66	77 66	74 66	76 64	77 64	78 67	79 65	79 68	79 68	78 64	77 63	72 65	76.3 66.5	
WAIALUA 847	MAX MIN	78 61	81 61	81 61	80 64	84 59	80 65	81 68	79 63	80 62	82 60	80 62	83 59	81 59	83 59	74 63	77 62	77 62	78 57	76 57	75 57	79 57	80 61	81 62	83 59	83 61	83 56	80 61	80 65	80 68	80 68	80.0 60.9	
WAIKIKI 717.2	MAX MIN	81 61	82 63	82 69		84 64	82 68	84 68	82 71	81 70	81 68	81 67	84 67	81 66	81 64	84 60	82 65	77 64	80 67		82 63	82 63	83 62	83 65	82 64	83 61	83 61	84 61	83 64	84 62	80 65	82.1 64.7	
WAIMANALO EXP FARM	MAX MIN	81 64	76 71	78 70	77 71	78 66	78 71	81 72	81 69	79 68	77 68	77 69	78 68	78 69	79 70	78 63	80 63	75 66	78 63	79 61	77 63	78 62	78 65	78 65	82 63	82 63	84 65	80 63	78 65	82 64	76 65	78.8 66.3	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN					74 63	74 65	74 65	74 63			76 63	75 63	74 62	75 60						76 62	76 62	76 64	76 61			77 63						
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	57 38	58 42	58 44	61 42	60 43	60 44	59 48	63 45	58 45	57 35	60 43	60 42	57 41	59 40	58 38	58 38	49 37	53 35	52 36	55 34	55 41	59 38	56 37	56 37	55 35	55 38	61 39	62 40	62 40	59 40	55 42	57.6 39.9
HALEAKALA SUMMIT 338.4	MAX MIN																																
HANA AIRPORT 355	MAX MIN	80 60	81 63	81 70	81 54	80 58	83 67	86 68	82 66	79 66	79 66	83 68	82 62	82 67	81 64	81 61	81 62	79 64	77 66	80 58	81 60	80 57	81 57	82 62	81 58	82 64	80 60	85 64	80 61	82 60	80 64	81.1 62.8	
KAAHAPALI AP 453.1	MAX MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JANUARY 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAHULUI WSO 398 AP	MAX MIN	81 59	80 61	80 70	84 60	80 63	83 68	81 66	80 70	80 63	82 63	82 60	80 69	80 66	82 61	78 61	77 69	76 64	76 58	78 60	79 55	77 66	80 62	80 62	80 59	79 60	80 60	81 59	80 62	81 61	80 59	70 65	79.6 62.6	
KAILUA 446	MAX MIN				74 67	74 60	75 62	71 64	73 63	73 63		75 64	74 65	73 65	71 65	78 65				72 58	76 58	72 62	76 58	77 60			78 59	84 58	84 65	78 59	76 61			
KEAWAKAPU BEACH 260.2	MAX MIN																																	
KULA SANATORIUM 267	MAX MIN	67 54	69 54	72 55	72 55	72 56	70 58	73 59	71 56	73 55	71 55	71 54	70 54	71 55	69 56	68 55	71 55	70 52	67 53	69 57	69 55	71 55	71 54	70 55	69 55	69 55	68 56	71 55	71 54	69 55	70 58	70 59	70.1 55.3	
LAHAINA 361	MAX MIN	82 64	82 63	85 67	84 62	83 66	84 67	85 69	84 63	84 63	83 65	83 64	85 67	84 64	82 65	84 65	77 65	83 65	81 61	81 64	83 62	83 63	83 62	83 63	83 62	83 63	83 62	85 63	83 62	83 63	82 65	72 66	82.6 64.0	
WAILUKU 386	MAX MIN				81 63	82 65	86 66	80 67	78 66	78 66		83 67			77 66	79 63	79 64				77 59	81 60	77 63	76 64	79 63		80 63	79 63	81 67	76 62	78 62			
ISLAND OF HAWAII																																		
HAWAII VOLCNS NP HQ 54	MAX MIN	65 51	60 50	64 52	64 52	65 56	62 53	64 54	62 52	65 50	66 50	66 48	64 51	65 50	60 51	67 46	69 50	59 47	66 49	69 50	70 46	65 49	65 49	65 50	69 50	65 46	70 44	70 51	69 48	69 51	68 51	62 50	65.5 49.9	
HILO WSO 87 AP	MAX MIN	79 64	79 65	78 66	80 63	77 69	77 68	77 69	75 65	78 63	80 62	78 60	76 65	77 66	80 64	80 62	76 63	78 64	82 60	78 62	80 64	77 64	75 64	80 62	82 65	81 63	81 64	80 61	76 64	81 65	84 65	79.7 63.8		
KAINALIU 73.2	MAX MIN	75 58	74 58	77 58	76 58	77 62	76 60	77 62	77 62	76 58	74 58	75 58	75 60	77 58	75 56	76 56	76 57	73 56	75 55	74 59	74 58	76 61	77 60	78 59	77 59	76 58	76 57	76 57	76 56	77 58	78 58	75.9 58.4		
KAMUELA 192.2	MAX MIN																																	
KEAAU 92	MAX MIN	77 61	79 63	77 63	76 64	78 67	74 66	77 66	75 64	75 62	76 63	76 61	76 62	75 64	76 63	78 60	79 60	73 61	76 60	79 60	79 61	78 61	77 62	77 62	81 61	82 62	81 62	79 62	79 61	77 64	80 61	81 62	77.5 62.3	
KOHALA MISSION 175.1	MAX MIN	77 62	76 64	76 65	76 63	78 65	75 65	80 65	73 66	72 65	74 66	76 66	76 65	75 66	74 64	75 60	76 61	69 61	74 60	79 60	78 60	75 61	76 63	77 63	78 61	79 62	78 63	78 62	76 63	76 61	79 61	78 64	76.1 62.9	
KONA (KAILUA) 68.3	MAX MIN		81 63		82 66	81 66	81 65	82 68	81 68	81 68		80 66	80 67	80 67	81 66	80 64				79 62	80 67	80 65	81 65	81 64		82 65	80 66	80 65	81 65	83 61				
KULANI CAMP 79	MAX MIN	61 41	59 45	59 47	59 44	62 48	65 49	59 47	60 47	61 47	61 46	63 46	60 46	58 39	63 42	63 41		63 45	62 43	65 41	65 41	60 45	61 45	60 43	60 45	60 42	63 41	60 40	60 42	63 39	65 45	65 44	61.6 43.7	
MAUNA LOA SLOPE OBS	MAX MIN	41 30	42 29	44 29	45 32	41 33	41 34	45 34	44 32	37 28	39 28	40 27	41 28	44 29	43 27	42 26	45 24	48 31	49 30	50 32	41 30	43 32	43 30	44 29	49 30	52 32	51 32	46 29	45 29	47 28	43 24	44.0 29.4		
MOUNTAIN VIEW 91	MAX MIN	75 55	75 55	73 58	73 58	69 58	69 62	71 62	69 60	70 58	74 56	74 56	74 56	71 60	69 59	77 55	76 60	74 54	74 54	74 54	77 55	74 55	71 59	77 56	77 56	77 56	77 56	78 56	76 56	71 57	75 57	75 56	73.7 56.9	
NAALEHU 14	MAX MIN				79 65	73 63	77 64	74 64	79 64		79 64	80 66	79 63	78 63						79 61	79 64	79 65	76 63	78 63			80 64	78 63	79 65	79 65	78 65			
OAKALA 223	MAX MIN	77 62	77 62	77 62	77 66	77 67	75 66	77 64	76 64	73 64	75 64	75 65	76 65	75 64	75 65	76 65	79 62	74 61	75 61	77 62	76 65	77 62	78 62	77 65	79 64	78 61	77 62	77 62	78 61	78 64	79 63	79 62	76.6 63.4	
OPIHIHALE 2 24.1	MAX MIN	75 55	78 55	76 55	75 56	77 59	78 59	80 61	79 58	73 55	76 55	78 55	78 55	76 55	76 56	78 56	74 52	75 53	75 54	76 54	77 59	76 58	75 57	77 55	77 55	78 54	78 55	71 53	78 54	79 54	78 57	76.4 55.5		
PAHALA 21	MAX MIN				79 58	70 62	76 64	74 60	79 59				77 59	79 61	77 58	78 58	77 58				79 57	79 59	78 61	77 59			79 59	76 59	80 59	79 61	76 58			
PUAKO 95.1	MAX MIN	79 63	80 62	80 64	81 62	81 64	80 63	80 64	80 69	85 69	80 66	79 64	79 67	81 70	81 63	78 62	79 66	80 66	81 61	77 60	78 58	77 62	79 62	81 61	79 61	78 61	77 59	81 61	79 62	80 62	80 63	79.6 63.0		
SOUTH KONA 2-31	MAX MIN																																	
UPOLU POINT USCG 159.2	MAX MIN																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JANUARY 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																		
■ ■ ■																																		
EAST OF 180TH MERIDIAN																																		
CANTON ISLAND	MAX MIN	85 73	85 73	85 74		86 76	86 74	87 75	88 75	87 76	87 76			87 76	87 76	88 77	88 75	86 75		87 76	87 76	87 76	87 73	86 75			87 75	86 76	86 74	86 72	87 76	87 75	86.6 75.0	
JOHNSTON WSO AP	MAX MIN	80 71	80 75	81 72	78 72	80 66	75 69	78 69	77 69	79 70	79 72	80 73	80 74	79 72	79 75	80 75	79 72	80 73	80 72	79 72	79 72	77 70	80 72	81 73	80 73	82 74	80 74	81 74	80 74	81 75	83 72	78 71	79.5 72.2	
LEONE	MAX MIN																																	
FRENCH FRIGATE SHOALS	MAX MIN	75 70	78 66	79 68	78 71	78 68	78 64	78 64	78 65	76 69	77 71	78 71	80 70	81 69	79 69	78 61	75 66	75 68	78 65	78 63	72 66	77 64	80 66	77 68	78 67	78 67	77 70	76 66	77 64	78 71	78 65	74 61	77.4 66.9	
MIDWAY SAND ISLAND	MAX MIN																																	
PAGO PAGO WSO AP	MAX MIN	86 74	87 74	85 77	87 79	86 74	87 72	83 74	83 73	86 75	85 76	86 75	84 75	84 73	80 72	83 71	83 69	85 76	84 71	83 69	85 76	84 75	85 76	81 75	86 73	86 73	86 73	87 73	85 72	86 72	87 76	87 74	88 73	85.3 73.9
SWAIN ISLAND	MAX MIN																																	
■ ■ ■																																		
WESTERN PACIFIC ISL. NORTH OF 12 N																																		
ANDERSEN AFB GUAM	MAX MIN	80 72	79 73	80 71	81 76	81 76	82 74	80 75	81 76	81 75	83 76	82 77	81 75	82 76	81 76	83 75	82 76	81 75	81 77	81 74	82 76	82 76	80 74	82 73	82 72	82 72	75 72	78 72	77 72	78 74	79 74	80 74	80.5 74.5	
CLARK AFB LUZON	MAX MIN	84 72	84 73	88 73	88 72	88 72	88 72	84 72	82 72	81 73	82 73	84 75	82 73	81 73	82 73	82 75	84 73	84 72	84 73	84 73	82 70	84 70	82 70	79 70	82 73	82 66	82 66	82 70	82 68	86 72	86 70	84 70	83.6 71.6	
GUAM NAS	MAX MIN																																	
GUAM WSMO	MAX MIN	84 67	82 72	83 65	84 72	85 72	84 70	83 74	84 74	83 68	83 67	83 73	83 71	83 73	83 68	84 69	84 65	84 70	84 68	84 68	83 70	83 72	81 72	83 66	82 66	75 71	81 70	79 68	79 73	81 72	79 63	83 71	82.5 69.7	
SAIPAN USCG LORAN	MAX MIN	88 74	80 75	84 76	85 75	86 75	85 77	86 69	86 72	86 74	85 70	86 76	86 72	85 70	86 76	86 76	86 73	85 75	86 73	86 72	87 76	87 74	85 73	85 75	85 74	84 72	84 74	83 76	85 70	84 75	84 74	84 73	85.2 73.7	
WAKE WSO AP	MAX MIN	85 75	83 71	79 70	81 70	81 71	81 73	83 71	81 72	82 74	82 71	82 72	83 73	84 74	83 74	83 75	84 73	82 73	83 74	84 73	84 71	84 73	85 73	85 75	85 73	84 70	85 72	85 67	84 72	80 71	87 71	81 70	82.5 72.2	
■ ■ ■																																		
CAROLINE AND MARSHALL ISLANDS																																		
ENIWETAK	MAX MIN	85 70	85 73	85 69	85 73	86 73	85 74	85 69	83 70	85 71	85 74	86 70	84 74	84 70	85 74	85 70	85 74	85 74	84 75	84 74	84 72	84 69	84 74	86 72	84 73	84 74	84 70	83 73	86 75	84 73	84 70	84 73	84.6 72.2	
FALALOP I. ULITHI	MAX MIN																																	
KAPINGAMARANGI ATOLL	MAX MIN	88 75	88 75	89 78	88 75	88 74	90 74	91 80	91 78	89 76	90 76	88 74	87 74	87 75	89 77	90 75	91 75	91 71	88 70	91 75	90 78	91 75	90 76	91 76	90 76	91 76	91 76	91 76	90 78	88 73	88 70	91 70	89.5 74.6	
KOROR WSO	MAX MIN	89 75	89 74	88 75	88 75	91 75	89 75	89 75	88 77	88 75	89 74	89 75	82 75	89 75	89 75	89 75	90 75	89 75	90 75	87 74	89 74	88 73	89 75	89 75	90 76	88 74	89 76	90 76	88 77	89 76	90 75	86 76	88.6 75.1	
KWAJALEIN MISSILE CGN	MAX MIN	84 74	85 74	84 77	84 76	84 77	85 77	85 78	84 75	84 75	84 72	83 72	84 75	86 75	85 79	85 75	84 76	83 75	83 75	84 78	84 78	85 78	85 78	85 78	84 77	86 77	81 77	85 75	85 77	85 75	85 75	84.4 76.3		
LELE I. KUSAIE	MAX MIN																																	
MAJURO WSO AP	MAX MIN	79 74	82 74	84 77	84 76	84 75	80 73	84 74	83 75	82 73	84 72	83 73	84 75	85 74	84 76	84 75	85 76	83 74	80 74	84 76	84 77	84 77	85 77	84 77	85 77	83 76	84 76	84 76	84 76	83 75	85 75	85 77	83.5 75.2	
METALANIM	MAX MIN	86 75	87 76	84 79	84 77	84 76	89 79	87 80	84 80	86 76	84 74	87 79	86 77	85 77	84 77	85 74	86 77	83 77	85 74	85 77	86 77	83 77	85 73	86 75	86 75	87 75	85 79	86 77	86 75	86 75	86 77	85.4 76.0		
PONAPE WSO	MAX MIN	88 73	89 73	88 74	87 78	88 78	90 74	88 78	88 77	88 77	89 74	87 74	87 74	89 73	88 75	87 76	87 78	81 79	81 74	87 74	87 78	87 78	86 78	88 77	87 77	87 79	82 78	85 75	88 76	88 74	85 76	86 77	87.1 76.0	
SATAWAN ATOLL	MAX MIN																																	
TRUK. MOEN I. WSO AP	MAX MIN	84 75	84 76	88 79	86 77	86 76	86 79	86 80	86 80	86 76	86 74	86 79	87 77	86 77	85 77	85 74	86 77	86 77	87 80	85 77	84 73	86 75	86 75	86 79	85 77	85 73	85 79	85 77	83 73	85 76	82 75	86 78	85.5 76.8	
WOLEAI ATOLL	MAX MIN																																	
YAP WSO AP	MAX MIN	87 72	85 73	86 74	88 73	87 72	87 76	87 73	85 75	87 74	86 70	86 73	87 70	85 75	86 70	87 74	87 72	86 75	87 70	87 75	86 73	83 73	86 75	85 70	83 69	86 73	85 70	86 69	86 74	83 72	81 72	87 75	85.8 72.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JANUARY 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
• • • ISLAND OF KAUAI																																	
LIHUE WSO 1020-1 AP	EVAP	.19	.18	.24	.14	.28	.19	.10	.17	.22	.06	.15	.18	.25	.22	.16	.18	.21	.28	.20	.19	.00	.17	.14	.20	.19	.16	.11	.15	.20	.22	.19	5.52
	WIND	75	183	223	202	96	117	183	250	232	224	179	152	163	141	71	90	236	128	60	64	107	126	82	91	95	96	93	68	78	130	122	4157
	MAX	78	78	79	80	82	80	76	76	75	72	77	79	81	79	82	77	73	76	78	79	79	75	82	79	81	80	80	81	82	82	82	78.7
	MIN	59	60	62	62	60	63	64	62	60	60	61	61	59	59	57	55	55	55	55	55	58	58	56	58	57	58	55	55	56	56	56	58.3
• • • ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.09	.15	.19	.15	.18	.16	.15	.21	.15	.15	.15	.15	.21	.15	.15	.15	.15	.12	.15	.15	.07	.15	.15	.16	.17	.15	.19	.17	.20	.20	.20	4.92
	WIND	18	27	39	32	17	42	26	44	48	32	26	18	28	23	24	41	42	21	20	14	14	24	22	15	17	14	30	18	31	41	43	851
	MAX	78	84	81	80	83	81	84	79	79	77	78	80	82	82	81	87	76	76	82	79	70	80	82	85	85	84	85	81	81	84	84	81.0
	MIN	65	66	60	65	65	65	67	63	61	61	61	60	60	60	60	58	58	57	57	60	59	57	58	61	62	62	60	57	57	61	63	60.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JANUARY 1976

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.24	.26	.27	.29	-	-	.25	.18	.32	.29	.23	.35	.30	.36	.30	.37	.33	.26	.38	.26	.23	.24	.24	.27	.24	.28	.38	.33	.28	.23	.35	8.888
	WIND	127	152	181	92	66	172	236	288	270	227	223	257	258	226	229	265	192	153	176	162	203	175	84	108	106	110	175	178	133	64	316	5604
	MAX	84	82	83	79	83	74	73	71	77	80	82	81	80	82	80	80	81	81	82	82	79	85	88	86	85	87	83	83	86	89	80	81.5
	MIN	67	67	67	67	68	63	66	66	68	68	69	69	67	67	67	67	66	63	64	66	67	67	66	66	66	67	66	68	68	65	66.6	
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.09	.19	.17	.25	.22	.23	.16	.23	.11	.29	.31	.14	.28	.24	.19	.29	.29	.24	.15	.22	.19	.22	-	.02	.36	.34	-	.00	.27	.18	.00	6.278
	WIND	13	90	74	137	94	131	65	133	108	171	212	103	123	158	167	164	190	103	74	123	128	132	182	141	156	199	200	155	248	255	210	4439
	MAX	83	83	83	84	85	85	82	84	83	82	82	81	83	81	83	81	82	88	85	84	81	82	83	81	76	80	76	75	74	75	82	81.6
	MIN	68	68	64	69	66	68	65	68	66	67	65	67	66	66	69	67	67	67	66	65	68	69	67	67	66	67	68	67	68	70	69	67.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIU LA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	7A			C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A		C	MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA-KAUAI 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIKAWA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAIKAWA	5	21 33	158 00	1274		WI		C	WAIKAWA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A			NATIONAL WEATHER SERV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF OAHU													
#HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C		NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A				D O W A L D
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C		MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A				U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI				WAIHAOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C		KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C		GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID				BOARD OF WTR SUPPLY
KANEHOE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A				STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A				KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A				WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A				WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A				C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C		PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI				U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C		MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A				HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C		CAPITAL INVESTMENT CO.
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A				MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A				LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID				BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C		EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A				JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C		CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C		FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID				BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI				BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C		WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A				CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID				BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID				BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A				WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C		PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C		MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A				NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C		JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A				REV R CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C		SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C		BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A				R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A				DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A				W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C		WAIALUA SUGAR CO. INC.
WAIHAOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C		WAIHAOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A				SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A				WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C		WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A				BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C		MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO				WAIHAOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI				WAIHAOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A				HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C		WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A				WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C		WAIMANALO EXP FARM
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C		WAIALUA SUGAR CO. INC.
WAIPIAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A				WAIHAOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID				BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A				KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A				MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C		MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR				MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C		DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C		DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A				ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS PUU O HOKU RANCH MOLOKAI RANCH
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			
WAIKOLU 540	9404	01	MOLOKAI	1	21 08	156 55	3550		WI			
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY DOLE COMPANY
KAUMALAPU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A			
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAUUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			
WAIAKEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2040		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO BOB MCGRATH U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525					
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHUA 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					
HONOHANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			
KAILILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUWAU INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			HAWAIIAN COM & SUG CO HANA RANCH-KIPAHULU SEC MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					S MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A			
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HA'INA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A		C	K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUANU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAHOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A			MARY J FLEMING
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILLO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF HAWAII													
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA LAUPAHOEHOE SUGAR CO
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600					
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395					
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY PARKER RCH-KAPAPALA DIV MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			
PAPAIOU 144.1		7711	02	S HILO	2	19 47	155 06	260		7A			
PAPAIOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			
POHAKEA 220.6		8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS STATE DIVISION OF PARKS JANET P RAPP KUKAIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY MRS CAROLYN CARLSON
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH KONA 2.31		8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO BOISE CASCADES WA CONST KAHUA RANCH
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKALOA-BOIS CAS 95.8		9142	04	HAWAII	5	19 56	155 48	900		8A			
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	
NEW STATIONS ISLAND OF HAWAII													
SOUTH KONA 2.31		8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JANUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	10A	10A			USCG LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHAM BEN
NGASANG, BABEL THUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- +- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- * DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

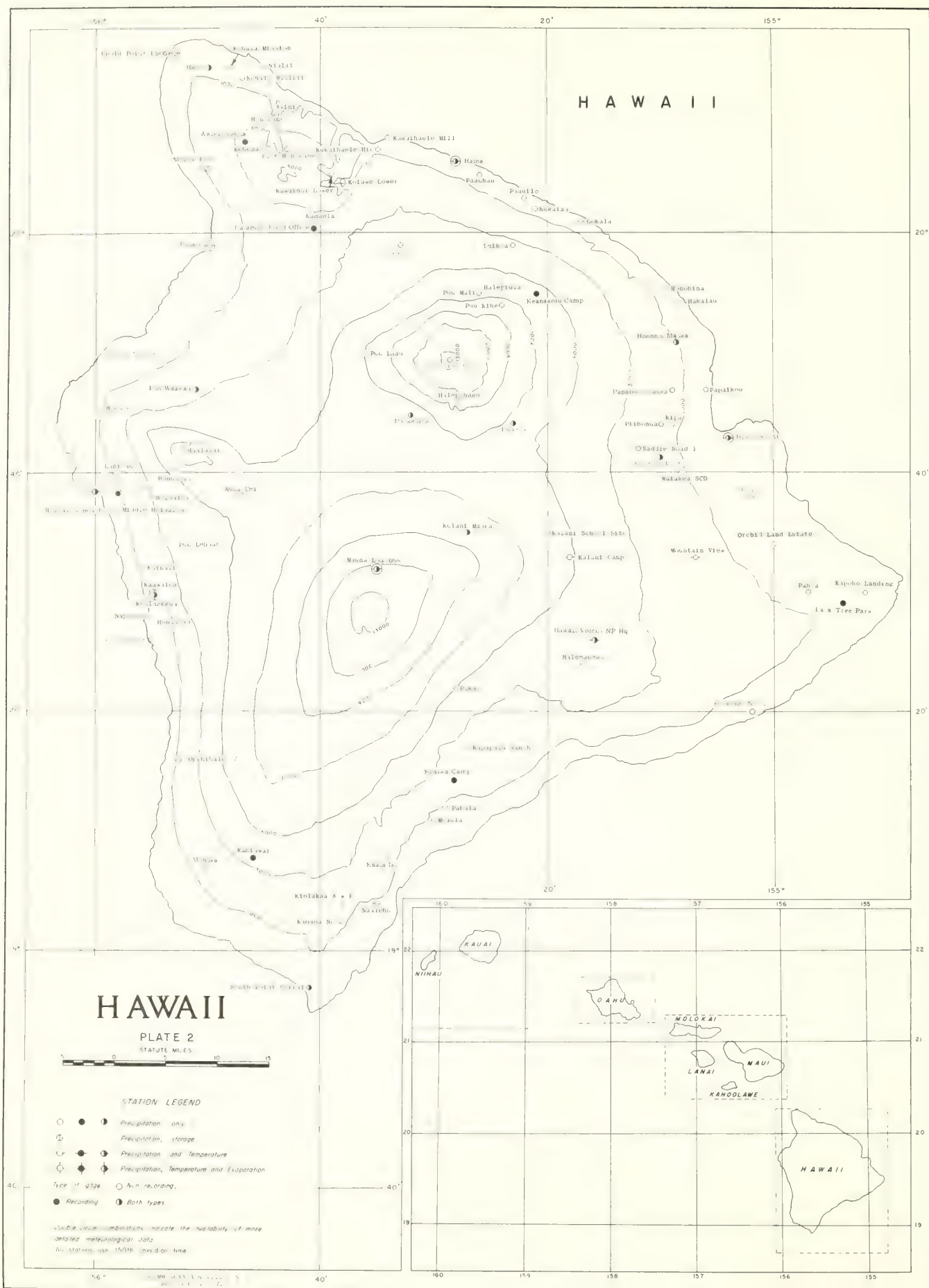
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

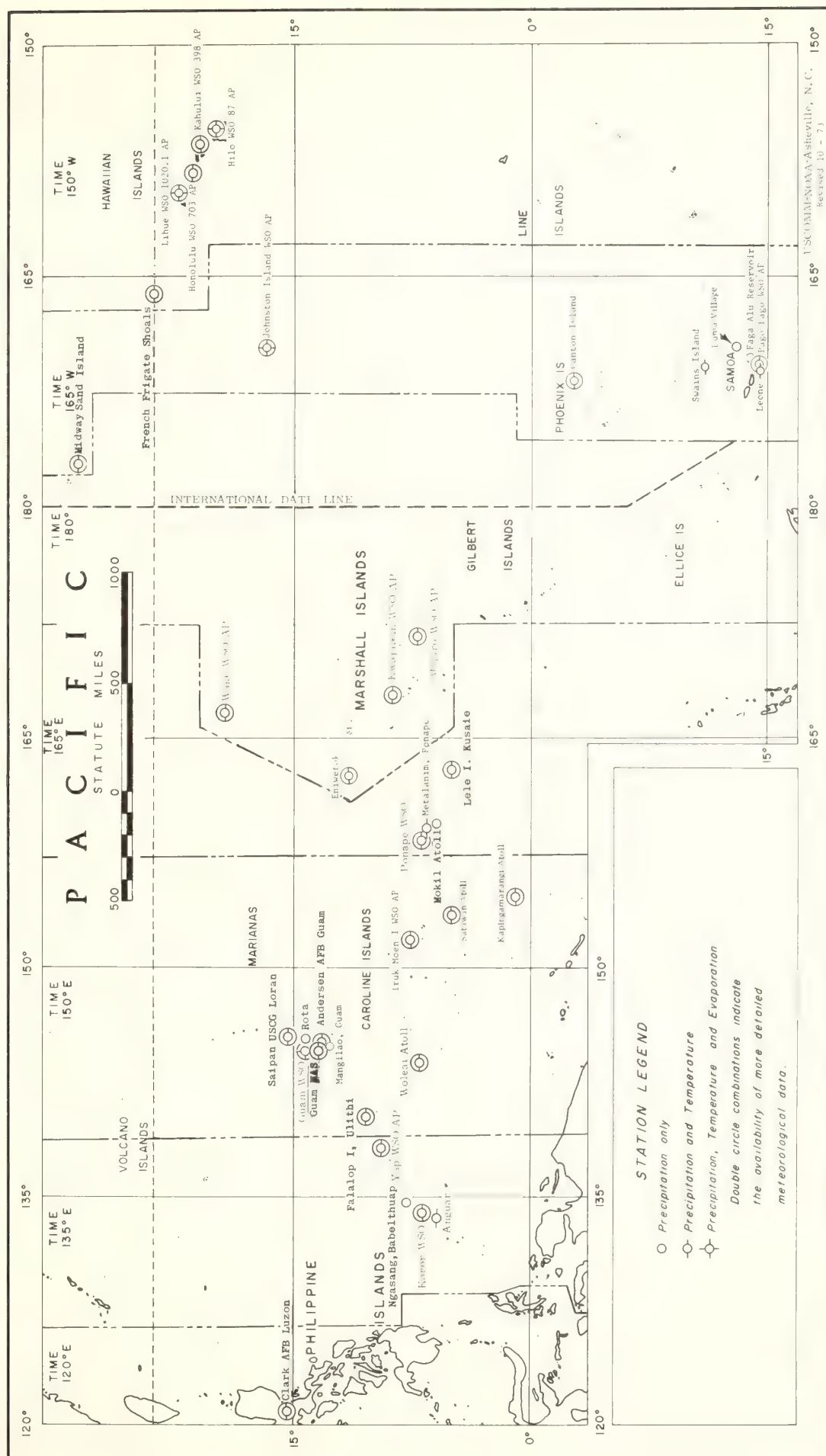
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

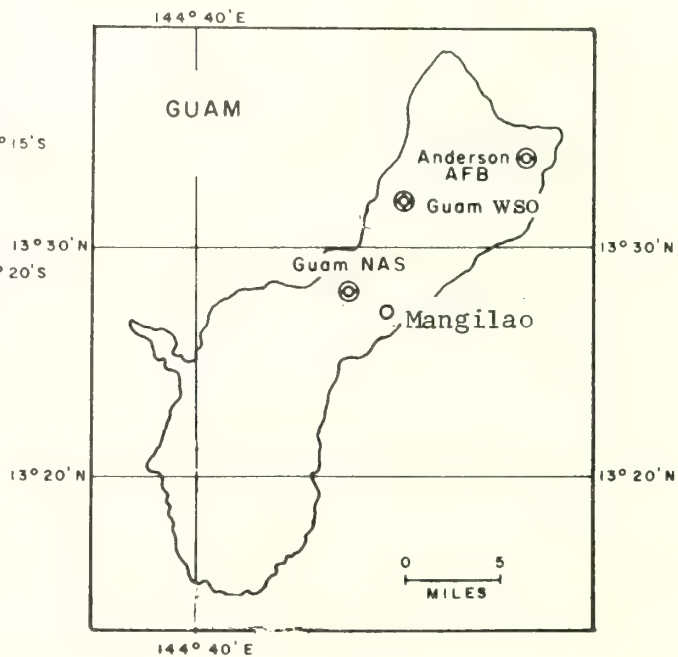
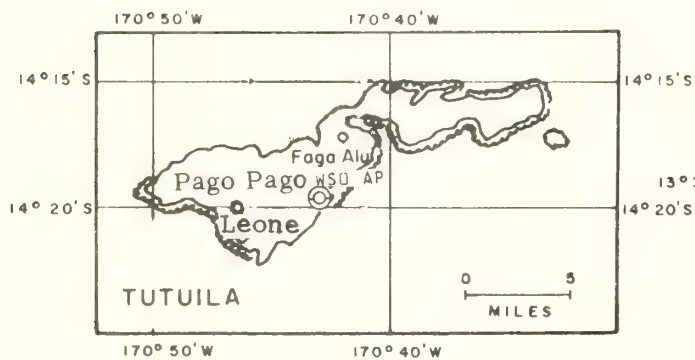
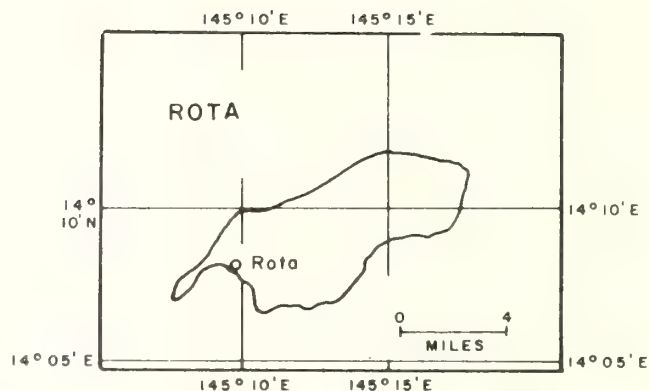
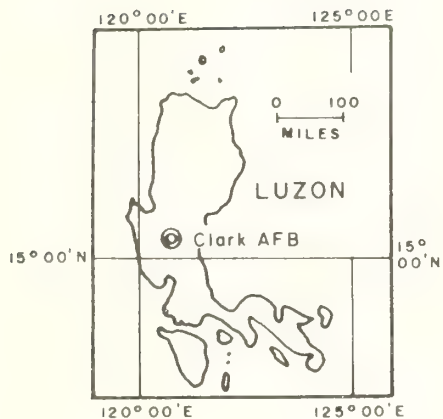
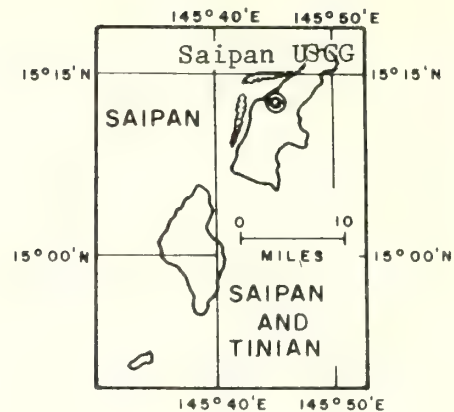
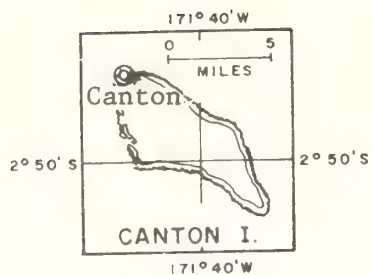
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

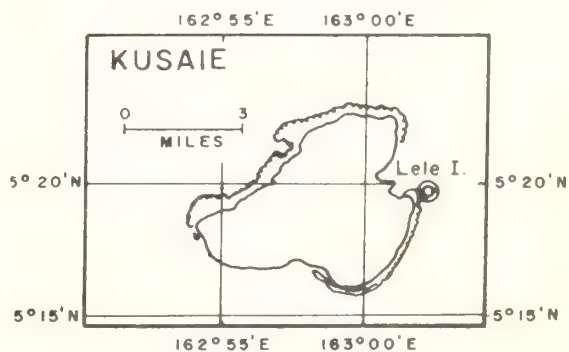
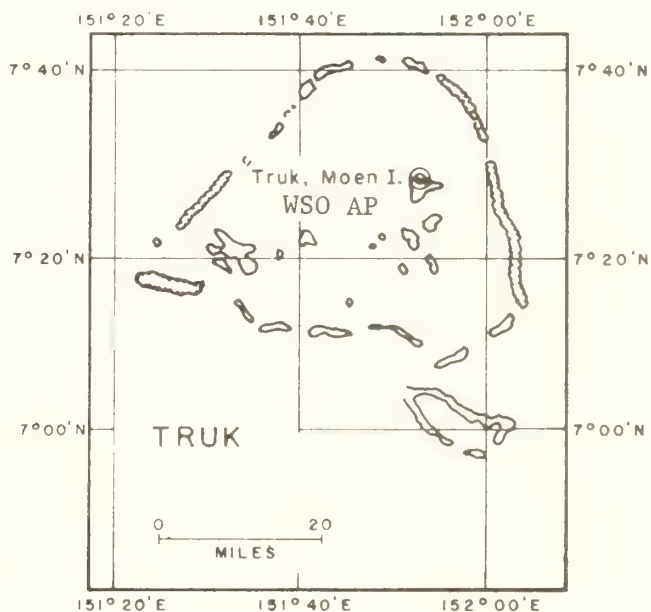
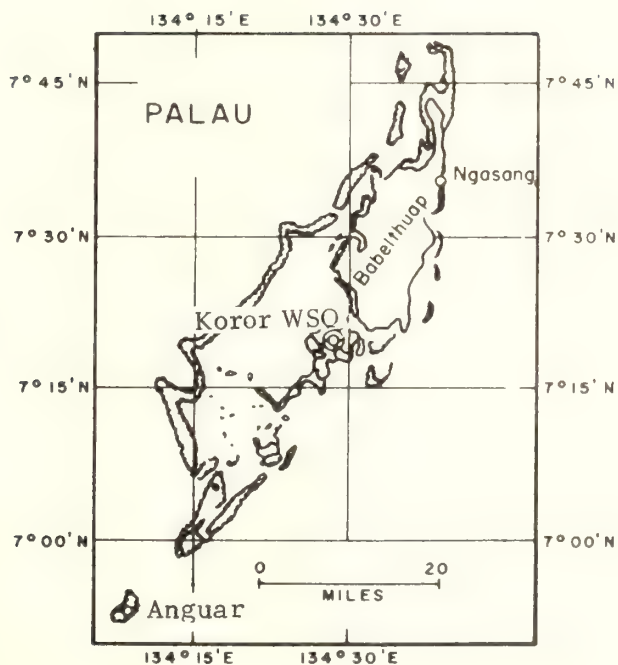
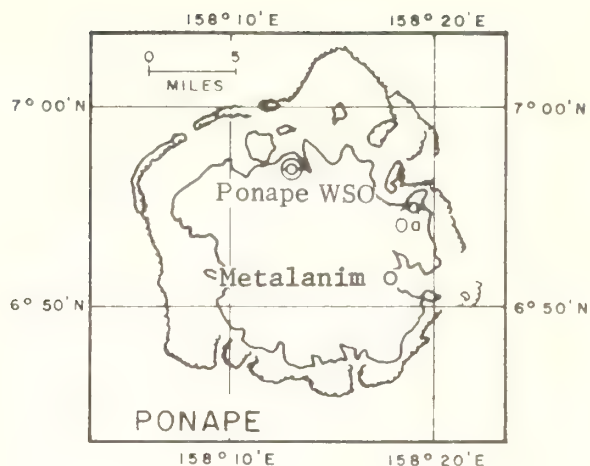
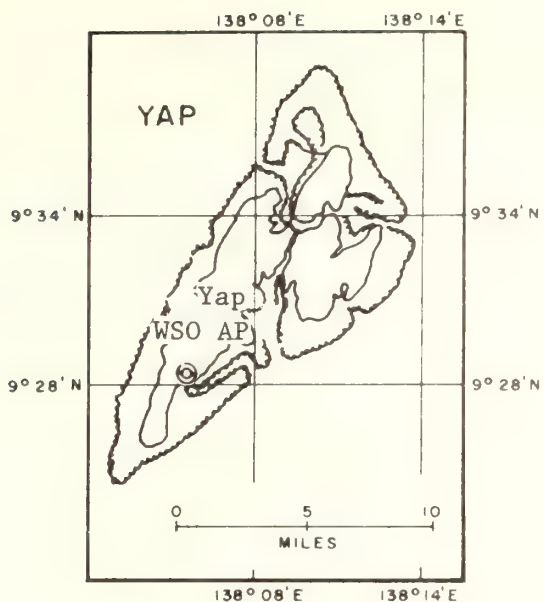
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



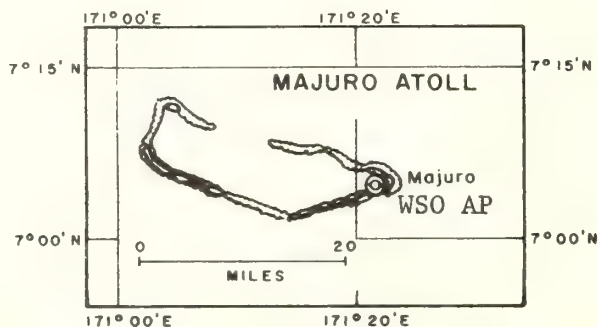
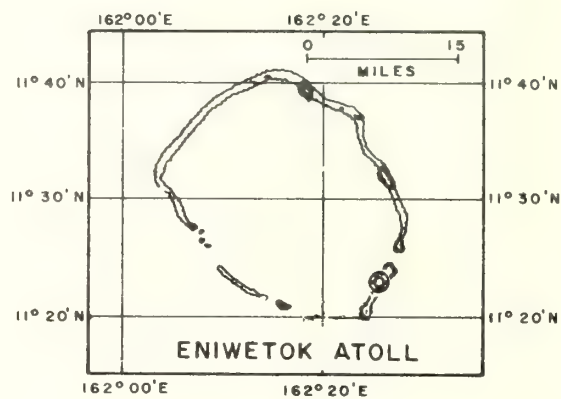
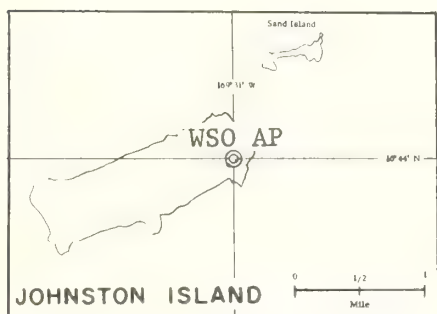
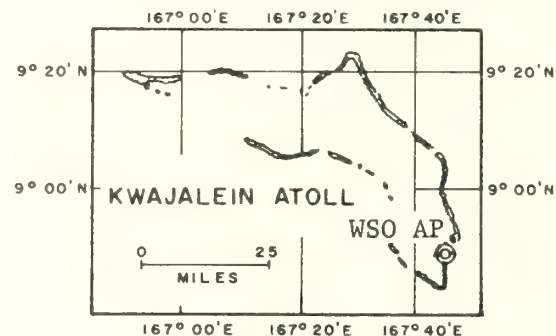
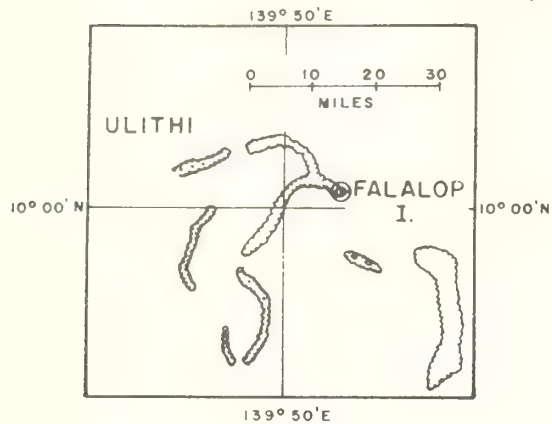
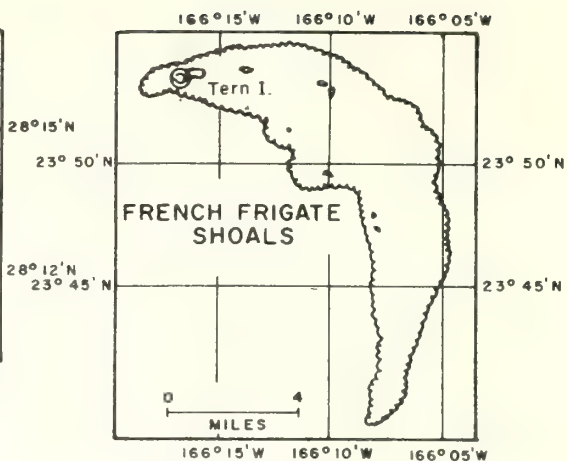
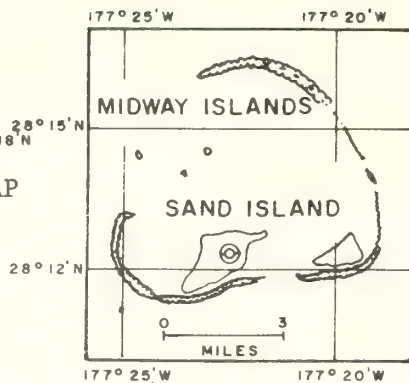
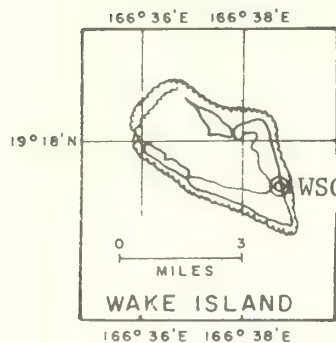




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Climatological Data

HAWAII AND PACIFIC

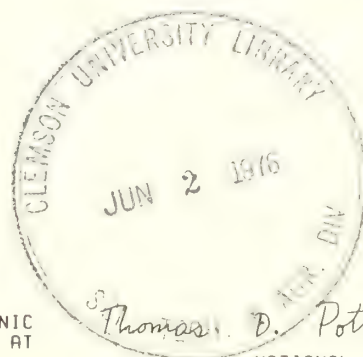
TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: KEAWAKAPU BEACH 260.2 MAUI 86 DATE 21+
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 23 DATE 01
 GREATEST TOTAL PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 31.30
 LEAST TOTAL PRECIPITATION: MAUNA KEA OBS 111.2 HAWAII .19
 GREATEST 1 DAY PRECIPITATION: KAPAPALA RANCH 36 HAWAII A 10.70 DATE 05

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER AVERAGE SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FAST ST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL			
							GREENWICH CIVIL													
							12	18	00	06										
GUAM WSO AP	-	-	-	26	E 18		82	80	87	2	6	7	1	6	1	23	46	8.3		
HILO, HAWAII, WSO AP	15	2.5	7.6	26	E 15+	88	84	70	84	2	5	13	3	2	1	26	35	8.0		
HONOLULU, OAHU, WSO AP	7	8.2	12.2	38	NE 15	74	73	59	68	8	6	2	1	1	1	19	49	7.1		
JOHNSTON ISLAND WSO AP	9	13.5	18.3	38	E 16	76	76	70	75	8	11	2	2	1	0	24	76	4.9		
KAHULUI, MAUI, WSO AP	7	6.9	12.7	37	E 16	76	78	59	70	4	6	4	0	1	0	15	61	5.8		
KOROR WSO AP	6	6.4	9.6	25	N 01	85		78	72	3	6	5	3	1	1	19	59	8.7		
KWAJALEIN WSO AP	7	11.3	12.0	26++	12 16	82	83	75	77	3	11	4	1	3	1	23	-	8.3		
LIHUE, KAUAI, WSO AP	8	6.9	12.8	38	S 05	78	76	68	75	3	9	3	1	1	1	18	51	7.2		
MAJURO WSO AP	8	8.3	9.2	32	E 17	82	82	77	79	3	2	4	3	5	0	17	54	8.0		
PAGO PAGO WSO AP	4	5.2	9.1	42	W 13	87	88	72	79	2	5	11	2	3	2	25	31	8.2		
PONAPE WSO AP	-	-	-	18	NE 16	83	-	75	75	1	5	8	2	1	3	20	58	8.3		
TRUK,MOEN I., WSO AP	6	8.9	10.6	26	E 11	81	-	76	75	3	8	3	4	0	2	20	51	9.9		
WAKE WSO AP	8	11.4	17.0	45	NE 29	78	80	67	72	3	10	4	0	2	0	19	74	5.6		
YAP WSO AP	7	7.6	9.3	24	NW 03	84	-	76	71	5	6	7	0	1	0	19	70	7.6		



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter
DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	5.0 OR MORE	1.00 OR MORE	
											37-42	43-48	49-54	55-60											
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A													5.45		2.80	6		0						
KANALOHULU 1075		63.8	48.7	56.3		68	27+	38	2	0	0	0	0	10.44		6.32	6		0			8	3	2	
KAPAA STABLES 1104	A													5.88		2.60	6		0						
KILAUEA POINT 1133		75.3	66.9	71.1		78	29+	62	2	0	0	0	0	5.10		2.11	6		0			7	3	2	
KOLOA 936	A													8.58		4.15	6		0						
LIHUE WSO 1020.1 AP	//R	77.3	68.2	72.8	1.6	80	27	57	2	0	0	0	0	4.86	-.58	2.36	6		0			6	3	2	
MANA 1026		80.3	60.5	70.4	-.4	85	21+	53	15	0	0	0	0	4.18	1.62	3.33	6		0			3	2	1	
N WAILUA DITCH 1051	A													16.25					0						
PH WAINIHA 1115														12.53	.04	4.95	6		0						
PUEHU RIDGE 1040														5.89	2.17	4.20	6		0			5	2	1	
WAHIAWA 930														5.99	2.40	4.16	6		0						
WAIHAI LOWER 1054		74.8	58.9	66.9		78	29+	47	2	0	0	0	0	10.33	1.52	4.46	6		0			16	4	2	
WAIHEA 947														5.28	2.33	3.90	6		0			5	2	1	
ISLAND				67.5										7.75					0						
ISLAND OF OAHU																									
ALOHA STADIUM-HALAWA	A	78.0M	65.6M	71.8M		81	25+	54	2	0	0	0	0	7.49					0			7	3	3	
B Y U LAIE 903.1						80	21+	54	3	0	0	0	0	7.92		3.16	6		0						
HONOLULU OBSERV 702.2														7.66		3.10	7		0			4	3	3	
HONOLULU WSO 703 AP	R	79.5	64.5	72.0	-.3	82	24+	53	2+	0	0	0	0	6.08	3.62	2.68	6		0			5	3	2	
KANEONE MAUKA 781		76.1	66.3	71.2	.2	81	27	61	2	0	0	0	0	8.35	1.44	3.25	6		0			6	3	3	
KOOLAU DAM 833	A													22.08		4.10	7		0			18	9	7	
LUALUALEI 804	A	77.3	63.7	70.5		81	10+	54	2	0	0	0	0	19.90					0						
MANOA LYON ARBORETUM		74.8	59.8	67.3		81	28	52	3+	0	0	0	0	11.12		2.38	7		0			20	7	4	
NUUANU RES 4 783														8.78		3.60	6		0			11	5	3	
OPAUELA 870	A	75.3	62.0	68.7	2.3	81	29	55	3+	0	0	0	0	13.69		4.65	7		0						
PALOALO VALLEY 718	R													9.16	-.86	3.48	6		0			13	4	3	
PRI WAHIAWA 820.2	A	77.6M	53.2M	65.4M		83	2	48	23	0	0	0	0	10.89					0						
WAHIAWA DAM 863														14.73					0						
WAIKOLE 837	A													11.49					0						
WAIKOLE 896.3		75.3M	65.8M	70.6M		80	28	61	23+	0	0	0	0	9.85		3.49	7		0			7	3	3	
WAILUA 847	A	77.1	61.3	69.2	-.5	81	11	53	3	0	0	0	0	19.77	16.12	9.49	8		0			9	3	3	
WAIKIKI 717.2		79.3	63.9	71.6		83	29	53	2	0	0	0	0	5.24		1.96	7		0			6	3	3	
WAIMANALO EXP FARM		76.5	65.0	70.8		79	28+	56	3+	0	0	0	0	7.42		2.72	7		0			7	4	4	
WAIKAPU 750	A													8.61					0						
ISLAND				69.9										11.06					0						
ISLAND OF MOLOKAI																									
KUALAPUU 534	A													4.87					0						
MAUNALO A 511	A													5.56					0						
MOLOKAI AP 524																			0						
ISLAND				.0										5.22					0						
ISLAND OF LANAI																									
LANAI CITY 672	A					77	10+	60	25+	0	0	0	0	5.08	1.86				0						
ISLAND				.0										5.08					0						
ISLAND OF MAUI																									
HALEAKALA B E S 434	A	56.8	39.8	48.3	- 2.0	67	12	28	1	0	0	2	0	10.71		2.24	15		0			13	7	4	
HALEAKALA RS 338														15.42	8.68	4.40	15		0			11	8	5	
HANA AIRPORT 355														4.72					0						
HONOKOHUA 493	A	77.0	63.0	70.0		82	21	57	2	0	0	0	0	6.09		2.10	7		0			6	3	2	
KAAHAPALI AP 453.1																			0						
KAHULUI WSO 398 AP	R	79.5	63.4	71.5	-.1	82	26+	55	3	0	0	0	0	2.16	-.48	1.34	6		0			5	1	1	
KAILUA 446	A	75.5M	63.1M	69.3M	1.4	80	12+	54	2	0	0	0	0	13.03	2.74				0						
KEANAE 346														17.00		17.00	1		0			1	1	1	
KIPAHULU 258														8.98	1.31	2.07	27		0			11	8	3	
KULA SANATORIUM 267		68.3	54.5	61.4	.5	73	21	48	2	0	0	0	0	5.44	1.99	2.32	6		0			7	3	1	
LAHAINA 361		80.4	63.1	71.8	.3	85	13	58	2	0	0	0	0	4.50	2.85	2.26	9		0			4	4	1	
PAIA 406														4.23	.71	2.64	1		0			8	2	1	
WAILUKU 386	A	78.1M	63.6M	70.9M	-.4	82	5+	56	4	0	0	0	0	2.80	- 1.01	.95	6		0			5	2	0	
ISLAND				66.2										7.92					0						
ISLAND OF HAWAII																									
HAWAII VOLCNS NP HQ 54	A	62.3	49.5	55.9	- 1.7	68	29	44	22	0	0	0	0	28.17	17.94	6.12	5		0			23	15	11	
HILO WSO 87 AP		77.9	64.4	71.2	.2	83	5	59	4+	0	0	0	0	11.63	- 1.27	3.85	26		0			19	6	3	
HUEHUE 92.1	A													2.45		1.38	8		0			4	2	1	
KAHALU 73.2		75.2	57.8	66.5		82	7	48	2	0	0	0	0	3.75	.87				0						
KEAAU 92		76.1	61.6	68.9		82	6+	55	4	0	0	0	0	16.73		2.96	27		0			21	12	11	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS						TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
											MAX.		MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	5.0 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	TOTAL	DAY OF MONTH																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																			
ISLAND OF KAUAI																																			
ANAHOLA 1114	A	5.46	x	.60		.30	2.80	x	x	1.20	.03	.02		.10	x	x		17	10	.05			x	.05	.02		.01	.03	x	x					
BAYSHED STA 085	A	9.34	x	.77		.09	6.60	x	x	1.40	.02	.02	.02	.13	x	x		58	66	.17		.26	.04	x	.55	.02			x	x					
EAST LAHAI 934	A	7.47	x	.46		.07	3.46	x	x	1.31	.04	.04	.04	.10	x	x		.42	60	.11		.03	.06	x	.65	.07		.01	.03	x	x				
ELELEE 927	A	6.21	x	.42		.02	4.17	x	x	1.14	T	.06	T	.03	x	x		.08	14	.04		.03	T	x	.08	T									
HALAULA 1110	A	5.70	x	.65		.30	2.80	x	x	1.20	10	.02		.12	x	x		.15	.05	.10			x	.18				.03	x	x					
HALENAHAWA 1006	A	7.32	x	.33		.13	3.38	x	x	1.38	.03	.07	.05	.09	x	x		.53	26	.28		.07	x	.71	.04										
HUKIPU 045	A	4.87				.05	3.70	.66	x	.46				.18	18	15						.09	.12	x	1.22	.48		.15	.09	.03	x	x			
ILILILUA INTAKE 1050	A	16.56	x	1.85	.03		3.00	4.70	x	1.11	x	x	x	.12	1.42	.33		1.80	x			x	2.08	x	2.28	.48		x	x	.06	x				
INTAKE WAIHINA PC 1086	A	10.00	x	4.22	x		1.72	5.32	x	.92				.03	x	x		.12	.10	.04		.02	.03	.04	.23							10			
KANALOHU LUNULU 1075	A	10.44	.06	.02	.03		1.77	6.32	.45	.95	.07			.02	.02																				
KAMEHA RESERVOIR 1092	A	9.52	x	1.50		.16	3.90	x	x	1.60	.05	.10		.18	x	x		.40	38	.30		.10	x	.50				.35	x	x					
KAPAA STABLES 1104	A	5.88	x	.65		.13	2.60	x	x	1.41	.04	.20	.02	.03	x	x		.13	.07	.13		.10	x	.37											
KEALIA 1112	A	5.95	x	.68		.35	2.70	x	x	1.30	.05	.02		.11	x	x		.11	.09	.09		.03	x	.30				.02	x	x					
KEKAA 944	A	4.59				.92	.15	.20						.17	x	x		.32	.27	.19		.10	.05	x	.29	x									
KILAUEA 1134	A	6.20	x	x	x	x	3.40	.28	.48	x			.10	.08	.17	x	x																		
KILAUEA POINT 1133	A	5.10				.01	.12	.11	.22	.31	.05			.03	.02		.04	.04				.01	.04	1.00				.62	.01						
KOLA 1033	A	3.28					.32																												
KOLBA 936	A	0.58	x	.45			.08	4.15	x	1.60				.02	.04			.40	.51	.26		.03	.06	x	.75	.10									
KOLBA MAUKA 984	A	0.81	x	x	.70	x	x	x	x	x	5.20	x	x	x	x	x		x	1.34	x		x	x	x	1.57		x	x	x	x					
KOLAKO RES 1137	A																																		
KUKUIULA 935	A	6.83	x	.44		.03	4.40	x	x	1.22	.02	.03	T	.02	x	x		.13	.13	.10		.01	.06	x	.23	.01									
LHUIE VARIETY STA	A	6.86	x	.62		.53	2.73	x	x	1.20	.08	.01	.02	.30	x	x		.45	.32	.14		.08	x	.46	.03										
LHUIE 1020	A	5.87	x	.26		.64	2.80	x	x	1.15	.04			.10	x	x		.24	.17	.05															
LHUIE WSO 1020.1 AP	A	4.86				.05	1.12	2.36	.61	.02	T	.07		.05	.01	.12		.17	.08	.03		.01	T	.12	.04										
MAKAHUEA-KAUAI 940.1	A	8.57	.63	.01		.25	6.37	.16	.49	.13	.03	x	.01	.02	.05		.11	.11	.14			.01	.05												
MAKALEI 965	A	5.09		.01		.19	3.75	.60	.30	.04	.02	.14	.01	.01	.01																				
MAKA 1026	A	4.18				.03	3.33	.53	.29																										
MOHAI UPR C0855 1083	A	8.70				.61	3.95	3.24																											
MOLAA 1145	A	5.44	x	.06	x	.05	3.10			1.07	x	.06	x	.06	x	x		.26	x	.36															
MOUNT WAIKALELE 1047	A																																		
MTU RIDGE 1035	A	4.66						x	x	4.66																									
N WAILUA DITCH 1051	A	16.25	x	2.76	.02		2.98	x	x	5.33	.03			.06	.15	.16		.41	x	x		1.06	1.03	.35	.43	.04	x	x	.85	.10	.06	.07	.36	x	x
PH WAINIMA 1115	A		x	1.97	T		.78	.49	x	.33				.13	.04			.90	1.32	.41		.14	.23	x	x	1.11	.02		.20	x					
PRINCEVILLE RANCH 1117	A	7.83	x	1.22		.13	3.42	x	x	.46				.01	.08			.52	.58	.20		.11	.06	x	.53	.14			.29						
PUEHU RIDGE 1040	A	5.89		.05			10	4.20	.97	.32	.25																								
PUNI 1013	A	6.08	x	.52		.18	3.60	x	x	1.17	.09	.05	.01	T	x	x		.14	.09	.03		T	x	x	.20										
WAIHANA 930	A	5.98	x	.36		.04	4.16	x	x	1.08				.01	.01			.16	.02	.04		T	T	x	x	.09	T								
WAIHAI LOWER 1054	A	10.33	.03			.32	4.46	.49	.50	.02	.08	.06	.09	.35	.31			.42	1.03	.42		.06	.29	.53	.10	.17		.04	.11	.11	.31	.03			
WAIHAI UPPER 1052	A	13.97	.16	x	.02	.86	4.98	.98	.64	.05	.10	.08	.14	.31	.26	.32		.36	1.58	.40		.11	.14	.28	.87	.16	.36	.05	.11	.02	.48	.15			
WAIHAI 943	A	4.96				.05	3.50	.04	.22	.25																									
WAILUA KAI 1065	A	6.98	x	.79		.07	3.10	x	x	1.56				.19				.50	.15	.17		.14	x	x	.27										
WAIPIA 947	A	5.28				.10	3.90	.60	.26	.42																									
WEST LAHAI 931	A	6.91	x	.32		.02	4.20	x	x	1.25	.02	.03	.02	.11	x	x		.23	.18	.10		.01	.06	x	x	.71	.01		.04						
ISLAND OF OAHU																																			
ALOHA STADIUM-HALAWA																																			
BETTERMAN PUMPING STA	A	7.17		.50		.04	1.46	x	x	4.70	.04	.06		.02	x	x		x	.18	.04		.30	T	x	x	.13	.04								
B Y U LAKE 903.1	A	7.92		T		.20	2.50	1.64	1.55	.10				.06	.13	T		.06	.04	.21		.30	.09	T	.26		.23	.04							
CAMPBELL IND PK 702.5	A	14.28	.01			.12	5.44	6.65	.06	.50								T	.15	.05		T	T	x	x	.14	.01	.05		T					
CAMP 84 807	A	10.15	.08	x	x	.02	2.15	2.35	4.82	.04	x	.19	x	x	x	x		.31	x	x		x	.07	x	x	.16									
COCONUT ISLAND 940.1	A		x	.98		.05	2.78	2.45	1.50	.07	.01	.01		.03	x	x		x	.20	.02		x	x	.15	.06		x	.01	x						
ELWA PLANTATION 741	A		x	.50		.07	1.51	x	x	6.46	.08	.03		x	x	x		.03	x	x		x	x	x	.86	x	x	.16	x	x					
HELEMANU INTAKE 881	A	16.40	x	1.59	x	1.35	x	x	10.54	x	x	.24						.77	x	x		.98	x	x	x	x	x	x	x	x	x				
HONOLULU 725.2	A	18.00	x	x	x	x	x	x	x	x				18.00	x	x		x	x	x		x	x	x	x	x	x	x	x	x	x				
HONOLULU OBSERV 702.2	A	7.66	T	T		.08	1.50	3.10	2.77	.10	.05	.03	T																						
HONOLULU WSO 703 AP	A	6.08	T			.36	2.68	1.86	.91	.10	.08	.01	T	T	.01	T		.03	T			.01	T	T	.03	T									
HONOLULU SUBSTA 704	A	6.09				.50	3.30	.83	.87	.10	.02	.02		.02	.08	.02		.02																	
H S A EXP STA 707	A		x	x	x	x	x	x	x	5.83				x	x	x		.10	x	x		x	x	x	x	x	x	x	x	x	x				
KAEHA POINT 841.3	A		x	x	x	x	x	x	x	1.20				x	x	x																			
KAHANA 883	A	17.55	x	1.43	x	x	x	x	x	10.36				x	x	x		2.68	x	x															

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF MOLOKAI																																		
KALAPAPA 563	A	5.51	.22				.29	2.88	1.26	.03						.06	.20		.03			.06	.18		.10	.04						.16		
KALANAKAKAI 516	A	5.84		1.91			.16			3.34	.36																							
KIOWELELE DENS 541	A	5.75	1.25					2.95				1.55																						
KULAHU 534	A	4.87		.03			.18			3.86	.32	.04						.13							.11							.10		
MAHAKOLA 511	A	5.56		1.16			.10			4.00	.14							.16																
MOLOKAI AP 524																																		
POU O HOKU RANCH 542 1	A	6.13	1.60				.81	2.07	.67		.03				.04	.14		.05				.01	.01		.66	.01					.03			
WAIKOLU 540	A	13.46		4.47						4.44											2.87					1.68								
ISLAND OF LANAI																																		
KANELOU 690	A	5.82									5.80																							
KALAHADU HARBOUR 658	A			.40			.72			4.00			.02																					
LANAI AIRPORT 656	A	5.08										.22																						
LANAI CITY 672	A	3.85					.02	1.37			3.45							.01	.01											.20				
LANAI LAKE 684	A																																	
MAHANA 684	A	6.00																																
MAHUA 676	A	5.10																																
WATAKEKUA 685	A	5.74								4.79							.08																.87	
ISLAND OF MAUI																																		
AUWAHI 252	A	3.52		1.16			.32			.42								.22														1.40		
HALEKALA B E 5 434	A	10.71	1.70				.18	1.45	.28	.16	.30	.01	.01		.07	.46	2.24		.80	.18	.03									.02		.01		
HALEKALA RANCH 432	A	8.55		2.62			.32			2.10	.26							2.32							.71								.22	
HALEKALA RS 338	A	15.42	2.70				.30	2.64	.67	.06	.04				.03	1.33	4.40		.93	.02					.25	.76				.12	.02		.13	
HALEKALA SUMMIT 338.4	A																																	
HALEKALA 423	A	10.54		3.10			.10			1.75	.22	.01			.02			2.20	.36	.20	.02					1.25	1.30				.01			
HAMAKUAPOKO 485	A	5.70	2.10				.04	.57	.55	.37	.01	.01			.06	.68		.30	.20	.02	.03	.05			.28	.20	.23							
HANA 354	A	4.21		.77			.01	.34		.04		.03	.01		.01	.04		.87								.75	.13			.29	.80		.04	
HANA AIRPORT 355	A																																	
HANAHULI 281	A	6.64	.70	.01				.06	.50	.13	.01	.03			.16	.10	.40		.36	.10	.06	.05	.06	.10		.04	.06	.10	1.05	.78	1.78			
HOLUA CABIN 259.5	A	12.93																																
HONOKAUA 480	A	7.04																																
HONOKAUA 483	A	4.72		.75			.76			2.56	.23	.01			.01			.16	.02	.01	.01													
HONOMANU GULCH 341	A	12.40	12.40																															
KANAPALI AP 453.1	A	6.09	.08				.01	.86	2.10	2.00	.02	.33	.01			.01	.42		.03			.02				.03	.10	.07						
KAHOMA INTAKE 374	A	16.95																															16.95	
KAHULUI USD 388 AP	A	2.16					.06	1.34		.02	.10	.02				.15	.27									.06	.10						.01	
KAILIHI 436	A	12.40	12.40																															
KAILUA 446	A	7.96		4.30	.02						1.43	.03	.05	.02		.14			2.00	.65	.22	.10	.01				1.10	.15		.10	2.64	.07		
KAUOLA INTAKE 375	A	7.96	1.35								3.10							2.38									1.13							
KEAHUA 410	A	3.68	2.05	.02			.20	.62	.09	.03	.13					.01	.36		.06															
KEANAE 346	A	17.00	17.00																															
KEANAKU BEACH 260.2	A	1.41	.07				.29	.72	.24																								.09	
KIHEI 311	A	2.86	.95	.07			.89				.95																							
KIPAHULU 258	A	8.98	2.02								.70				.10					.70	.83	.15	.16											
KULA HEIGHTS 323.2	A	5.98	.67		.04		.43	2.84	.16	.16	.45	.03				.54	.66																	
KULA SANATORIUM 267	A	5.44	.84	.02	.03		.90	2.32	.42	.27	.22				.04	.03		.01																
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97				.26	.01							.72															
LAHAINA 361	A	4.50		.54			.97	</																										

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAMUELA 192.2	3.94		.90	.01						1.97	.50	.01		.04	x	x	.22				x	x	x	.12		.03		.14						
KAPAPALA RANCH 36	20.70		3.00							4.00													.40											
KAPONG LANDING 93.5	7.56									2.27				1.12	x	x		x	x	x			1.69	x	x	x					2.48			
KAHIMU LOMER 193	6.70									.12				3.50	x	x		x					1.38	x							1.70			
KEARU 92	16.73	.11								1.08	.72	1.02	.12	.03	.38		.03	1.04	1.29	1.30	.85	.29	.28	.10	.34	.31	1.54	.41	.07	1.45	2.96	.51	.50	
KILAKAA A & F 6	4.50		x	x	x	x	x							x	x	x		x	x				x	x	x						4.50	x		
KIPA 89.2	31.52		.06							.02				.24	.57	.05	.19	x		5.85	2.87	1.80		.11	x	4.20	1.42	2.80	2.84	2.55				
KOHALA MISSION 175.1	8.24	.66	T							.90	.13	.10	T	.02	.03			.41	.70	.04	.30	.06		.16	.07	.34	1.37	.84	.64	.29	1.18			
KOIHAE LOMER 196	4.58									.15				x	x								x	1.00	x						1.33	x	x	
KONA (KAHUNA) 68.3	1.75	x	.67							.02				.83	.07	.02																		
KONA VILLAGE 93.8	.69																																	
KUKIAU 222	14.46	1.07	.03							2.92	.04	.03					.02	.24	.72	.54	.75	.12				.64	1.47	2.04	1.70	.07	.31	T	.26	
KUKIHALE HIC 188	7.12	.23	.02							2.25	.18	.17					.36	.70	.40				.15			.27	.61	1.32	.03	.03	.18		.22	
KUKIHALE HILL 206	6.44									1.44				.01						1.13	.02	.02					1.07	.57	.08	.05	.02			
KULANI CAMP 79	22.87	.15	.02							.48	.03	.03		1.55	.35	.28	.20	.04	.05	.02	.87	3.25				.44	.10	.03	.20	3.00	2.90	1.45	.95	1.57
KULANI MAUKA 76	7.91		1.06											.10	2.37	.93			.35								.85	1.15	.05	.05	.50		.10	.40
KULANI SCHOOL SITE 78	18.63		x	x	x	x	x			1.30	x		x	x	x	x		2.33	x	x	x		x	6.00								9.00	x	
LANIKAU 68.2	2.54		.42							.22	.11	.78	.17				.28	.08			.11	.33		.04										
MAKAHALA 103	2.47	.90												1.25	.12				.03	T												.08		
MAUKA 2	3.55		1.00							.20	T			.25			.30									.06		.03						
MAUNA KEA 885 111.2	.19									T	T																							
MAUNA LOA SLOPE 885	1.62		.24							.43	.12			.04			.19	.11										.01	.05		.15		T	
MIDDLE MAULALO 68.1	2.61		1.10											1.10					.11	x	x	x	x	x	x			.30	x	x	x	x		
MIDDLE PEN 147.1	4.11		.75	x	x	x	x	x						.18	.16	x		x	x	x	x	x	x	x	x	x								
MAULA 18	1.10			x	x	x	x	x	x								x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
MOUNTAIN VIEW 91	28.46	.58	.03	.03						1.79	2.53	.28	.11	.32	.21		.17	1.57	1.89	1.94	2.19	.88	.49	.22	.29	.63	3.07	1.67	.79	1.24	2.09	.74	.71	
NAALEHU 14	9.90		.23							3.05	x	1.89	.17	.14						.05	.14							.10	.04	.13	1.15	.52		
NAPOHOO 28	2.62		1.21	x	x	x	x																											
OKALA 223	15.56	2.75	T							2.72	.12	.04	.02				T	.27	1.05	.50	1.37	.25	.25	T	.27	.45	1.28	1.12	1.08	1.21	.24		.01	.56
OPINIALE 2 24.1	4.25	T								.35	.03	2.82	.05	.03	.10	.26	.07	T	T	.20	T		T	.05	.21	T	.02	T	.04	.02	T			
ORCHID LAND EST 91.5	15.18		x	x	x	x	x	1.13						x	x	x	3.65	x	x	x	x	x	T	4.33	x									
PARAHU 217	8.56	2.84	.01							1.85	.03	.02					.37	.95	.19	.12			.09				.17	.82	.73	.32	.05			
PARAU 221	12.12	1.63	.02	T						2.88	.04	T					.01	.32	.75	.36	.46	.07	T		.34	.46	1.11	2.18	1.10	.01	.13	T	.25	
PAHOLA 21	11.69	.32	T							3.92	.74	1.85	.67	1.15	.28	T				.01	.15							.06		T	.46	.78	.05	1.24
PAHOLA 65	21.56	.35	.02	.50						.90	1.55	1.68	2.36	.26	.12	.28	.05	.27	.87	1.16	1.20	.70	.20	.57	1.14	.21	.18	.90	.42	.23	.51	3.42	.72	.68
PAKAO 37	8.50																																	
PAPAIKOU 144.1	17.18	2.60	.02							.06				x	2.10	.12	.21	.03	.08	x		4.54	.31	.24	.12	.13		1.95	1.36	.01	2.33	.87		
PAPAIKOU MAUKA 140.1	22.86		.05							.01				x	4.30	.36	.27	.04	.21	x		4.76	1.83	.72	.38	.07	x		4.40	1.25	.23	2.74	1.24	
PIIOMUA 89	33.20																																	
POHAKA 220.6																																		
POHAKULOA 107	1.04		.21							.46																								
PUU KIME 120																																		
PUU LAU 102.1																																		
PUU LEHUA 73	1.63		x	x	x	x	x	x	x					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.63	
PUU MALI 113																																		
PUU MAHUA 94.1	3.07		.87											x	1.76		.35																	
SADDLE ROAD 1 84	32.80		x	x	x	x	.28	x	x	x	x	x	4.05							x	x	x	x	11.52	x	x	x	x	05		.05	x	x	
SOUTH KONA 2.31																																		
SOUTH POINT CORRAL 3	7.16																		3.45	x	x	x	x					x	x	x	x	152		
UMIKOA 118																																		
UPALU POINT USCG 159.2	4.23	.07																																
WAIKAKA SCD 88.2	28.16	.15	.02				.27																											
WAIKALOA-8015 CAS 95.8	1.94																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	T									.04		.02																					
FAIRALL RESERVOIR	6.10	x	x	x						4.00														x	.23								
FAIRALL VILLAGE	16.36	.24	.32	T		35	1.42			.02	.01	.65	.74	1.45	1.03	2.26	.42	.62	.39	.07	1.01	2.04	62	.34	.27	1.08	.06	.8	.06	.02			
JOHNSTON WSO AP	3.62	T	.01			T	1.75	.03		.01	.10	.03	.01	.04	T		.01	T	.03	.16	.01	.64	.04	.01									
LEONE	14.98				.45	13	1.05		.92	.08	1.95	.86	.20	.26	.65	.91	3.40		.10	.50	.13	.45	1.07	.05				.30	1.06	.46			
FRENCH FRIGATE SHOALS	2.33			.02		21	.09	.08			.47	.93				.07	.09	.05	.02	.10	.10		.01	.09									
MIDWAY SAND ISLAND																																	
PAGO PAGO WSO AP	13.36	.02	T	T		.68	.18	.09			.75	1.43	.26	1.21	2.49	1.42	2.64		.16	.25	.21	.26	.41	.30	.12	.20	.17	.04	.01	.06			
SWAIN ISLAND																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	12.47	1.65	1.42	.28	.05	.01	.72	2.54	1.38	2.61	.06	.96	.05	.08	T		.03	.02	T	.13		.05					.05	.01	.12	.45			
CLARK AFB LUZON	.24		T			.20																	.04				T						
GUAM NAS																																	
GUAM WSO	13.56	1.55	1.96	.13	.16	.35	1.29	2.00	1.21	1.67	.08	1.22	.33	.30	T		.02	.05	.11	.29	.01						T			.04	.72		
MANGILAO	10.04	1.02	.55	.96	.65	x	.03	.31	1.32	.92	1.45	1.30	.41	.38	.05	.06	.11	.16	.03	.17	.05						.05			.04	.06		
ROTA																																	
SAIPAN USCG LORAN	3.24							.39		.02	.01			.04	.02		.08	.08	.44	.08	.02									.04	.02		
WAKE WSO AP	3.49		.61	.26	.02	.04		T	1.14	1.17		T		.47	.15	T		.03	.04	.11	.06	.06	.01	.01				.13	.03	.02			
CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR																																	
ENIWEAT	5.72									.04										.04													
FAIRALO I. J. ITHI	5.41	.90	2.32	.85	T							.11		1.00	.42	.04	.63	.04		.13	.34	.27	.01				.02	.32	.02	.30			
KAPINGAMARANGI ATOLL	11.49	1.02	1.54			1.63		.09	.70	.18		.10		1.00	.42	.04	.63	.04		.13	.34	.27	.01				.02	.32	.02	.30			
KOROR WSO	7.27	1.11			T	.82		.52	.08	.27	T	.36	T	.08	.29	2.60	.03	.62	.01	.15	.82	.21	1.46	.98	1.09								
KWAJALEIN MISSILE RM	9.05	.01			.04	.05	.12			.11	T	.05	.08	1.91	.01		1.37	.02	.03	T	.01		T	.34	.16	2.58	.02	.02	.87	1.25			
LEE I. KUSAIE																																	
MAJURO WSO AP	9.42			T	.04					.30	.11	1.03	1.24		T		.07	.20	T				1.05	1.58	.78	1.62	.16	.70	.54				
METALAMIT	11.02	.85	.30	.31						.25			.30						3.60	.65	.76						.50	2.20	.65				
MOKIL ATOLL																																	
NORFOLK ISLAND																																	
PONAPE WSO	12.76	.52	1.25	.10						.08	.25	.06	2.07	.90			T	.12	2.76	.10	.29				.02	.01	.46	3.13	.01	.23	.38		
SATAVAN ATOLL																																	
TRUK I. WSO AP	9.37		.01	.69				.39	.56	T	.14	2.76	.02	.01	.09		.06	.04	T	.72	.56			.01		.11	3.11	T	.09				
WOLEAI ATOLL																																	
YAP WSO AP	3.19	1.08	.07	.32	T	.37	.24			.24	T			T	.06	.05		.01	.10	.06	.16	.37					T	.05	T				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHULUHULU 1075	MAX MIN	54 44	60 38	60 43	62 48	62 52	58 52	58 50	60 51	65 48	67 49	67 46	67 46	66 52	65 53	63 52	65 54	65 55	66 53	67 51	68 48	60 51	64 53	67 49	67 47	65 45	64 43	68 44	63 53	67 42			63.8 48.7	
KILAUEA POINT 1133	MAX MIN	68 64	72 62	75 63	77 65	76 69	77 65	73 65	70 66	71 68	76 70	76 69	77 70	77 67	78 68	78 69	77 66	76 67	75 66	76 68	76 69	76 67	76 66	75 69	75 69	76 69	76 65	75 66	78 66	78 65	78 66			75.3 66.9
LIMUE WSO 1020-1 AP	MAX MIN	75 59	75 57	79 60	76 64	77 69	72 67	71 65	75 67	78 67	78 70	78 73	79 73	78 71	78 72	78 71	78 71	78 72	78 71	78 72	79 72	79 72	79 70	78 69	79 71	78 73	78 72	77 69	80 63	78 65	79 64			77.7 68.2
MAKAHUEA-KAUAI 940-1	MAX MIN	70 60	80 57	80 50	80 55	81 56	80 65	81 65	81 64	75 63	80 62	80 69	80 65	78 65	79 71	76 70	79 67	79 66	80 69	78 66	78 67	78 70	78 70	78 70	78 70	77 70	78 70	82 64	82 67	83 67			79.0 65.0	
MANA 1026	MAX MIN	73 57	74 55	78 59	81 61	77 58	78 65	73 62	75 63	75 65	77 63	80 62	83 61	78 54	83 59	84 53	85 63	85 62	84 62	82 63	84 62	85 59	84 61	84 57	81 60	81 59	81 60	80 59	84 61			80.3 60.5		
NIU RIDGE 1035	MAX MIN	75 53	73 52	74 54	76 55	75 55	76 57	75 56	77 60	72 59	78 58	79 60	78 61	79 60	78 61	77 61	78 60	77 61	79 60	80 62	79 58	78 57	80 59	79 58	78 57	79 60	78 60	78 62	77 61			77.3 58.5		
WAIKAI LOWER 1054	MAX MIN	67 50	67 47	67 50	68 50	77 56	72 60	75 61	74 62	78 57	76 60	73 60	77 64	77 64	78 63	73 60	74 64	74 63	77 64	77 60	78 64	78 60	75 62	74 58	76 60	76 60	78 55	78 55	77 55	78 55			74.8 58.9	
ISLAND OF OAHU																																		
ALOHA STADIUM-HALAWA	MAX MIN		80 54	75 57	76 62	78 65	78 65		78 61	80 63	78 64	79 68	79 67				80 68	81 68	80 68	80 67		79 65	79 68	81 67	78 63	79 65								
B Y U LAIE 903-1	MAX MIN			80 54	79 58	80 58	75 65	76 66	72 62	77 60	77 61	78 62	80 60	80 69	77 73	78 73	78 72	77 70	79 70	80 70	80 69	79 68	76 71	76 67	78 61	79 61	79 60	78 60	79 60			78.0 65.6		
EW A PLANTATION 741	MAX MIN		81 53	77 53	79 57	78 60	77 64		75 61	77 60	78 61	80 62	78 63				79 65	78 68	79 66	79 63	80 63		80 63	78 63	78 62	82 61	81 61						78.6 61.5	
HONOLULU WSO 703 AP	MAX MIN	76 53	77 53	78 55	79 61	78 70	77 65	78 63	71 62	80 63	80 66	81 68	81 69	79 69	80 70	80 70	81 69	81 69	82 67	82 68	80 69	79 67	81 67	82 68	81 64	80 63	81 60	81 59	80 61			79.5 64.5		
HONOLULU SUBSTA 704	MAX MIN	72 61	77 60	77 63	77 66	77 71	73 65	76 63	70 64	77 68	77 66	78 70	77 70	77 69	75 69	76 69	76 69	77 69	77 70	78 69	78 69	76 67	74 66	75 67	76 69	77 67	76 67	78 67	77 66			76.2 67.1		
KANEOME MAUKA 781	MAX MIN	73 62	74 61	76 62	77 65	77 67	75 65	73 66	77 64	69 65	75 66	79 67	78 68	78 68	77 67	77 67	77 68	73 68	75 68	77 68	77 68	77 68	72 67	72 68	75 67	76 68	76 67	81 66	80 66			76.1 66.3		
LUALUALEI 804	MAX MIN	74 59	76 54	78 56	78 58	76 70	72 65	74 62	75 61	81 62	81 62	72 61	78 67	76 68	77 69	77 69	76 69	77 68	77 69	78 69	80 67	77 69	78 66	78 64	79 61	80 62	80 60	80 59	80 58			77.3 63.7		
MANOA LYON ARBORETUM	MAX MIN	73 56	73 52	76 52	76 54	78 61	74 61	75 60	74 59	68 56	74 59	74 58	78 63	76 63	75 62	70 62	73 62	72 64	73 62	75 62	75 63	76 61	72 61	69 61	75 61	76 63	76 62	80 58	81 58			74.8 59.8		
OPAEULA 870	MAX MIN	80 58	80 55	75 55	76 57	72 62	70 62	70 60	72 61	70 61	75 62	75 61	75 62	78 61	77 61	77 61	75 66	75 64	75 63	78 62	75 63	78 62	78 63	75 62	75 64	75 63	80 64	81 63			75.3 62.0			
PRI WAIKAWA 820-2	MAX MIN		83 51	73 50	78 54	75 58	73 55		75 50	76 55	79 55	81 55	80 59				78 51	75 60	76 52	78 55	78 54		79 48	76 52	79 52	78 49	82 49					77.6 53.7		
WAIKALEE 896-3	MAX MIN	71 64	74 62	77 65	78 61	78 67	76 65	71 64	71 62	72 65	76 65	79 69	77 70	71 68	71 65	76 66	76 65	74 68	75 67	76 67	76 69	76 69	75 69	76 61	76 65	78 66	78 65	80 66				75.3 65.8		
WAIKALUA 847	MAX MIN	70 64	74 57	74 53	79 57	78 64	79 65	74 66	70 62	71 62	78 60	80 60	80 60	79 62	79 64	77 68	78 66	77 64	78 62	79 65	79 59	78 63	75 60	77 58	79 59	79 59	79 59	78 61			77.1 61.3			
WAIKIKI 717-2	MAX MIN	76 55	77 53	78 54	79 60	79 65	78 64	74 63	78 60	72 63	79 61	80 65	82 66	81 68	80 67	80 69	79 69	80 68	80 68	82 68	81 67	81 65	79 67	80 68	81 67	80 68	81 61	81 61	83 59			79.3 63.9		
WAIMANALO EXP FARM	MAX MIN	72 60	75 56	73 56	78 59	76 65	75 64	74 64	75 63	62 62	77 63	77 64	79 68	78 67	77 68	77 68	75 68	77 69	77 69	79 69	78 69	79 70	78 67	76 68	78 69	78 69	79 64	78 63			76.5 65.0			
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN																																	
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN		77 61						74 64		77 60	71 62	72 63				74 61	71 60	72 60					74 63	70 61	70 60	72 61							
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	47 28	52 30	52 36	55 39	57 46	64 45	53 46	54 46	54 42	59 43	63 43	67 45	64 41	55 38	46 40	49 37	57 42	64 45	65 41	62 38	59 38	55 39	56 42	56 36	58 35	56 35	55 41	58 37	55 39			56.8 39.8	
HALEAKALA SUMMIT 338.4	MAX MIN																																	
HANA AIRPORT 355	MAX MIN																																	
KANAPALI AP 453-1	MAX MIN	72 60	73 57	73 59	75 60	78 61	78 65	77 63	78 63	73 63	77 64	78 62	79 63	78 67	78 66	76 65	77 67	79 69	79 63	79 62	82 66	77 65	75 65	77 61	78 61	77 63	77 63	76 61	79 61			77.0 63.0		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAHULUI WSO 39B AP	MAX MIN	75 59	75 56	78 55	81 56	82 71	80 68	78 68	72 65	80 64	81 61	81 61	80 67	80 69	79 69	78 65	79 68	80 69	80 67	81 60	81 57	80 67	78 68	78 69	82 59	82 58	82 65	81 58	81 59	81 60			79.5 63.4	
KAILUA 446	MAX MIN		65 54	73 56	74 58	74 65	78 69			79 61	80 64	80 65	80 65	79 63			79 55	75 65	75 67	76 64	74 64			74 67	71 66	74 65	75 60	74 61					75.5 63.1	
KEAWAKAPU BEACH 260.2	MAX MIN	73 59	77 52	76 57	78 57	81 62	82 68	81 65	81 64	73 62	79 62	81 61	83 61	83 59	86 59	85 63	85 62	86 59	84 58	84 60	80 57	86 59	85 59	84 59	84 57	82 58	81 61	79 61	80 59	83 61			81.4 60.0	
KULA SANATORIUM 267	MAX MIN	61 49	62 48	63 49	65 50	71 53	68 62	69 57	69 58	68 57	68 56	70 54	70 55	68 56	68 57	72 55	69 56	72 54	69 55	68 53	73 53	69 53	70 54	70 53	69 53	70 54	70 55	69 56	70 57	69 55			68.3 54.5	
LAHAINA 361	MAX MIN	76 60	78 58	78 59	81 60	79 65	75 67	78 65	72 63	80 64	81 65	82 63	82 63	85 64	78 65	78 66	84 71	83 63	81 62	82 62	82 61	83 61	83 62	83 62	80 62	80 62	81 63	81 62	83 65	83 61	83 62			80.4 63.1
WAILUKU 386	MAX MIN		82 58	74 57	78 56	82 59	79 67			79 63	78 62	80 63	80 65	76 66			76 65	77 67	77 67	78 67	78 67					77 66	76 65	79 65	78 63				78.1 63.6	
ISLAND OF HAWAII																																		
HAWAII VOLCNS NP HQ 54	MAX MIN	65 48	60 49	59 45	65 47	63 54	61 56	63 55	62 53	63 53	59 49	65 53	66 49	65 50	64 50	57 49	59 49	61 51	58 49	60 48	61 48	66 45	65 44	58 52	58 49	65 50	66 50	59 47	67 46	68 48			62.3 49.5	
HILO WSO 87 AP	MAX MIN	75 61	73 59	77 59	82 59	83 64	82 69	74 69	76 68	76 65	78 65	79 66	80 63	78 65	77 66	78 66	76 66	78 67	78 65	80 61	78 62	78 67	72 66	78 68	78 65	79 65	72 64	82 61	81 62	81 63			77.9 64.4	
KAINALIU 73.2	MAX MIN	70 52	77 48	72 53	72 54	78 63	78 65	82 63	73 62	68 58	73 58	76 57	73 58	75 60	77 58	77 58	78 58	78 59	74 59	78 58	73 58	75 58	75 60	77 58	77 58	75 56	74 58	75 57	76 58	77 56			75.2 57.8	
KAMUELA 192.2	MAX MIN																																	
KEAAU 92	MAX MIN	77 60	74 57	72 56	79 55	82 60	82 65	79 65	72 65	78 64	74 63	76 63	77 63	78 62	75 62	75 62	75 65	77 65	75 63	75 62	79 61	75 62	77 63	70 62	75 62	75 62	70 59	81 59	79 60				76.1 61.6	
KOHALA MISSION 175.1	MAX MIN	71 59	73 56	75 56	76 57	78 59	78 64	78 64	71 64	71 64	75 64	76 62	76 63	77 64	75 62	72 62	73 65	76 65	74 63	75 63	76 64	76 63	72 63	72 63	75 62	75 63	75 63	81 59	79 61			75.1 62.1		
KONA (KAILUA) 68.3	MAX MIN		81 60	78 60	78 63	82 63	80 72			84 64	78 63	80 66	81 68	82 66			83 66	81 68	78 66	81 66					80 66	81 66	82 66	80 66	78 63					
KULANI CAMP 79	MAX MIN	63 42	59 34	58 37	67 53	65 45		65 51	60 51	59 50	61 45	62 42	62 43	56 49	58 46	50 46	53 46	54 48	55 46	51 38	61 44	61 39	60 47	55 45	54 45	59 45	60 48	58 40	62 41	64 43			59.0 44.6	
MAUNA LOA SLOPE OBS	MAX MIN	33 23	45 25	50 34	47 37	47 34	45 34	38 33	41 32	48 35	50 36	54 35	51 31	43 28	30 25	32 26	42 28	46 33	48 36	51 35	45 29	47 31	41 28	42 27	44 28	42 26	41 30	43 29	41 30	41 27			43.7 30.5	
MOUNTAIN VIEW 91	MAX MIN	75 56	75 56	67 54	73 55	76 58	77 64	74 61	74 61	74 61	69 59	73 60	71 56	74 57	70 58	70 58	70 61	68 58	70 56	72 55	75 56	74 58	74 58	68 58	71 58	72 59	69 56	76 56	76 56			72.3 57.8		
NAALEHU 14	MAX MIN		77 61	76 59	76 60	79 65	78 68			77 63	70 62	75 63	77 63	78 66			78 59	77 56	74 57	76 55	78 63			79 60	75 63	78 61	78 61	76 63					76.6 61.5	
OOKALA 223	MAX MIN	73 57	70 60	74 56	73 63	79 61	77 64	77 64	78 64	75 66	76 66	76 65	76 66	77 65	78 64	75 63	77 63	76 64	73 64	75 63	77 64	77 63	75 62	72 63	70 64	74 61	75 63	70 60	76 62	75 61			75.0 62.7	
OPIHIHALE 2 24.1	MAX MIN	73 50	72 51	75 53	82 58	83 63	79 60	73 60	68 56	75 57	77 55	78 56	77 58	76 55	76 58	77 58	77 57	78 55	73 56	74 55	77 58	77 55	75 55	78 56	76 55	76 55	74 55	77 55	78 55	78 55			76.2 56.1	
PAHALA 21	MAX MIN		78 58	76 57	76 57	80 59	76 59			76 62	69 59	74 62	76 58	78 60			80 60	76 63	76 60						79 58	76 63	78 61	77 61	75 60					76.5 59.6
SOUTH KONA 2.31	MAX MIN																																	
UPOLU POINT USCG 159.2	MAX MIN	75 69	76 61	76 62	78 63	80 67	83 70	80 66	73 68	73 68	78 66	80 66	78 66	79 69	79 65	76 69	76 67	78 66	78 66	77 66	78 66	79 66	77 66	71 68	76 67	77 65	78 66	78 64	78 65	79 66			77.4 66.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN		87 70	86 75	88 75	87 74	87 76		87 71	85 74	87 75	88 75	87 75	77 72	87 73	88 72	87 70	87 72	87 70	88 64	86 66		88 74	88 77	88 77	88 78	88 79	87 78					86.8 73.4
JOHNSTON WSO AP	MAX MIN	78 72	78 71	79 71	80 74	78 69	78 71	77 69	79 71	79 72	81 73	80 75	80 74	79 75	80 74	80 75	80 74	79 74	79 74	79 73	79 72	79 73	80 74	80 75	80 74	80 74	81 74	81 70				79.4 72.8	
LEONE	MAX MIN																																
FRENCH FRIGATE SHOALS	MAX MIN	70 64	75 64	76 63	73 63	75 67	67 64	71 62	71 61	74 61	77 68	80 67	81 69	81 60	81 67	80 70	81 67	81 64	87 80	80 65	77 67	81 67	81 66	75 69	77 69	77 68	75 66	74 65	82 66	78 70			77.2 66.2
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	88 72	87 72	88 72	84 73	87 74	88 75	89 72	87 71	85 72	84 74	85 73	85 74	84 75	84 73	87 78	86 75	86 73	86 71	85 75	85 73	85 74	86 77	86 73	86 75	86 76	85 74	86 72	87 73	87 72			86.1 73.5
SWAIN ISLAND	MAX MIN																																
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	79 73	78 72	81 76	81 76	82 75	76 73	75 72	78 73	81 75	81 73	82 74	79 74	80 75	79 73	80 74	81 75	82 77	82 73	80 77	81 76	78 74	81 72	79 72	81 74	80 75	81 74	79 73				79.9 74.1	
CLARK AFB LUZON	MAX MIN	84 70	84 70	82 70	84 70	84 66	81 68	84 66	86 68	84 66	84 73	88 70	90 72	91 72	91 75	88 75	88 72	90 68	90 66	88 72	88 72	91 73	93 75	88 75	88 70	91 70	90 70	90 72	93 72			87.5 70.8	
GUAM NAS	MAX MIN																																
GUAM WSO	MAX MIN	82 72	79 72	83 75	83 74	84 75	83 73	80 71	77 72	80 69	81 73	82 71	82 72	81 72	81 74	82 72	83 71	83 73	83 72	84 71	84 76	84 74	83 64	83 60	82 62	83 68	83 71	83 74	82 72	82 68			82.1 71.1
SAIPAN USCG LORAN	MAX MIN	86 79	85 76	85 76	87 77	87 77	85 77	84 76	84 75	83 74	84 74	86 75	86 75	83 74	83 76	82 71	82 71	84 69	88 74	88 76	89 78	86 71	85 68	86 66	86 66	83 66	85 73	85 71	89 72	89 75			85.1 73.7
MAKE WSO AP	MAX MIN	83 72	83 72	83 74	83 73	78 73	80 71	83 74	80 72	80 70	80 73	81 72	84 73	81 71	81 69	76 68	76 67	79 71	81 69	81 69	83 69	83 70	83 70	84 71	83 71	83 74	82 71	76 69				81.2 71.0	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	84 73	94 75	81 74	84 75	88 69	83 73	86 79	85 75	84 71	87 74	85 76	84 75	85 75	86 84	84 75	82 74	85 76	84 75	84 76	85 75	86 75	88 72	84 72	84 73	88 76	85 74	85 72	89 64	86 75			85.4 74.2
FALALOP I. ULITHI	MAX MIN	81 77	80 75	81 79	86 79	86 80	87 80	86 80	86 80	86 78	87 80	87 81	87 80	85 81	86 80	87 79	86 77	87 77	86 77	87 76	86 80	86 77	87 80	86 77	86 80	86 77	86 77	84 77				85.7 78.6	
KAPINGAMARANGI ATOLL	MAX MIN	89 79	90 78	89 70	89 72	89 75	81 73	88 77	88 75	89 74	87 75	89 79	89 75	88 74	87 74	87 78	88 74	88 75	89 75	89 78	89 74	87 72	84 72	84 73	86 76	85 74	87 75	88 74	88 75			87.7 75.0	
KOROR WSO	MAX MIN	80 74	88 77	88 76	88 73	87 74	83 73	87 74	88 76	87 75	88 77	82 73	89 75	88 77	89 73	86 75	86 74	85 75	88 76	89 76	89 78	88 77	88 74	89 73	88 73	87 73	87 75	86 73	88 72			87.0 74.7	
KWAJALEIN MISSILE RGN	MAX MIN	85 75	85 78	86 78	85 75	85 76	85 74	85 78	85 76	86 77	86 76	87 78	80 73	85 78	85 76	85 77	85 73	86 75	85 77	85 79	84 77	84 78	83 77	83 75	84 76	83 75	85 78	85 78	85 76			84.7 76.3	
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	83 76	85 76	85 76	84 76	85 75	85 74	86 77	84 75	82 74	85 73	82 73	86 74	85 77	85 75	85 74	84 75	85 75	85 76	85 78	85 76	80 74	85 73	80 73	80 74	83 74	81 73	80 73				84.0 74.7	
METALANIM	MAX MIN	84 74	85 77	85 76	84 73	85 74	86 73	85 74	86 75	86 75	86 77	88 73	88 75	86 77	86 73	88 75	84 74	84 75	82 76	84 78	84 76	84 77	82 74	83 73	84 73	84 73	87 73	89 75	85 73	88 72			85.3
PONAPE WSO	MAX MIN	86 76	85 75	89 77	89 76	88 70	88 69	89 67	89 69	87 75	87 74	84 76	87 74	88 78	87 77	87 77	80 73	84 76	86 75	87 75	87 73	87 72	88 71	88 70	89 74	88 74	88 71	88 72				86.6 73.7	
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	87 76	85 79	87 75	86 79	86 79	86 75	85 74	85 74	86 75	85 75	87 78	82 72	85 78	85 76	86 78	86 77	85 78	86 73	84 72	86 77	86 78	86 76	85 75	85 74	83 78	83 72	86 74				85.5 76.0	
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	80 75	84 74	85 74	86 75	86 70	86 71	87 74	86 75	85 75	87 76	87 74	87 71	88 70	83 71	86 75	87 75	87 74	86 74	85 75	87 76	86 74	87 74	86 70	86 71	87 74	87 76	87 74	88 74				86.0 73.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 RF		EVAP	.12	.25	.12	.20	-	-	-	-	.06	.08	.19	.25	.27	.22	.31	.23	.20	.34	.30	.13	.22	.25	.31	.30	.26	.29	.15	.20	.24	6.378	
		WIND	76	83	67	88	-	-	-	96	73	76	82	160	189	261	322	296	281	260	245	197	202	257	264	224	205	154	56	89	80	48898	
		MAX	82	72	70	75	-	-	68	70	69	74	82	79	80	78	79	76	76	76	79	80	80	78	77	78	79	78	78	82	83	77.0	
		MIN	50	47	47	56	-	-	56	57	58	62	62	61	61	60	60	61	61	62	61	59	59	59	59	58	59	59	56	56	56	57.9	
* * *																																	
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2		EVAP	.25	.15	.17	.18	.26	.00	-	-	.01	.03	.13	.15	.12	.22	.24	.23	.24	.21	.28	.19	.29	.21	.21	.23	.20	.15	.15	.20	.30	5.378	
		WIND	50	38	24	40	45	75	73	65	25	14	9	18	34	59	75	72	64	56	36	24	38	44	44	45	31	18	15	25	20	1176	
		MAX	66	77	79	80	83	70	77	79	73	79	80	80	82	84	82	82	84	84	84	84	84	83	82	84	82	77	86	88	87	80.8	
		MIN	56	51	55	60	64	68	68	68	64	64	67	66	61	61	60	61	62	60	60	59	60	61	60	60	59	60	60	61	59	61.2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
FEBRUARY 1976

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • • EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.42	.31	.39	.30	-	.45	.53	.30	.28	.30	.28	.30	.39	.35	.44	.35	.38	.27	.28	.27	.31	.35	.42	.36	.35	.33	.32	.29	.14		9.808	
	WIND	235	155	164	156	298	283	275	123	91	145	225	272	293	328	306	275	302	256	284	297	307	357	335	296	256	291	58	177	143		6983	
	MAX	78	81	81	79	77	77	77	84	85	82	82	82	82	82	80	81	81	83	82	82	82	81	81	81	81	83	85	87	86	84		81.7
	MIN	62	62	64	65	68	62	59	60	62	63	65	68	68	67	67	66	67	67	68	68	69	68	69	68	67	67	66	67	70		65.8	
• • • WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.10	.01	.02	.16	.10	.05	.03	.01	.07	.24	.30	.23	.19	.24	.36	.26	.28	.28	.22	.20	.27	.27	.22	.27	.25	.24	.19	.23	.29		5.58	
	WIND	123	65	131	133	84	44	52	126	130	194	187	147	141	161	163	183	180	237	217	196	161	74	41	52	85	118	148	169	199		3941	
	MAX	80	74	82	83	87	84	78	75	77	81	82	82	80	81	81	82	82	81	84	83	85	87	88	87	84	82	80	81	81		81.9	
	MIN	69	69	70	71	70	70	69	66	68	68	68	69	69	66	63	64	66	68	68	68	69	68	64	61	64	64	65	66	66	68		67.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAW	1	22 08	159 18	180					LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720	7A				MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440	7A				MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAW	2	22 06	159 22	275					LIHUE PLANTATION
ELEEE 927	A 0470	02	KOLOA	2	21 54	159 35	163	6A				MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAW	1	22 07	159 19	253	7A				LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490	8A				LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAW	1	22 05	159 28	1218					LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMER	3	21 59	159 41	800	8A				KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050	VAR				LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690	WI				MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMER	3	22 08	159 40	3600	7A	7A			KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIIHAW	1	22 08	159 23	830	7A				LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAW	1	22 05	159 20	175	7A				LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAW	1	22 06	159 19	9	7A				LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMER	3	21 58	159 43	9	8A				KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320	7A				NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMER	3	22 02	159 41	2150					KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMER	3	22 04	159 46	36	7A				KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240	8A				MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 58	159 29	640	7A				MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAW	1	22 11	159 23	650	8A				METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100	6A				MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A 5560	02	LIHUE	2	22 01	159 23	375					LIHUE PLANTATION CO
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207	7A				LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA-KAUAI 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMER	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMER	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300					MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMER	3	22 07	159 36	3500	MID				U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAW	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047 R	6565	03	WAIMER	2	22 04	159 30	5148	MID				U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMER	3	22 02	159 44	1250	6A				KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110	7A				LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650					LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101	6A				MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295	9A				EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMER	3	22 01	159 42	1660	8A				KEKAHA SUGAR CO LTD
PUIHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329	8A				LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740					LIHUE PLANTATION CO.
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A			MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A				LIHUE PLTN CO LTD
WAIHAI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780	6A				LIHUE PLTN CO LTD
WAIHAWA 943	9253	03	WAIMER	3	21 59	159 43	10	8A				KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50	7A				LIHUE PLANTATION
WAIMER 947	9629	03	WAIMER	3	21 58	159 41	20	8A				KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210	6A				MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHIIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320					DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760	6A				DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565					J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170					BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAIALUA	5	21 33	158 00	1274	WI				WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220	VAR				H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5	9A	9A			NATIONAL WEATHER SERV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF OAHU													
#HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C		NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A		C		O O W A L D
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C		MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A				U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI				WAIHOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C		KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C		GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID				BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A				STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A				KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A				WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A				WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A				C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C		PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI				U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C		MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A				HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C		CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A				NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A				MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A				LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID				BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C		EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A				JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C		CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C		FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID				BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI				BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C		WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A				CC DEPT PKS RECREATION
PAOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID				BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID				BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A				WILLIS WEBBER
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C		PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20						MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A				NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900						JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A				REV R CULLINAN
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C		SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C		BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A				R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A				DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A				W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C		WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C		WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A				SPENCER TINKER
WAIALAE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A				WAIALAE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C		WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A				BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C		MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO				WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI				WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A				HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C		WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A				WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C		WAIMANALO EXP FARM
WAIKANE 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C		WAIALUA SUGAR CO. INC.
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A				WAIHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID				BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A				KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A				MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C		MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR				MOLOKAI RANCH. LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 00	157 02	878		7A		C		DEL MONTE CORPORATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
MAUNALO A 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUU O HOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH COMPANY
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			KOELE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMALE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	NATL WEATHER SERVICE
KAILILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUUAULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	U H AGRICULTURE EXP STN
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPU UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340	VAR				MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127	VAR				EAST MAUI IRRIGATION CO
OWOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150	VAR				STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER			
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)				
ISLAND OF MAUI															
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A					S	HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160								EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A						HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR						KAOHOLA RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO						HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A						PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A				C		ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A						PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A						WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A						WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO						E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR				C		EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 52	156 31	470		6A						WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630							S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A						WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC						HALEAKALA RANCH CO
ISLAND OF HAWAII															
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO						W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A						NAT HISTORICAL PARK
HAUNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A						HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7P						MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO						HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO						KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO						MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A				C		HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A				C		K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A				C		REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID				C	J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO						STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A						CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040						C		SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A						SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A						MAUNA KEA SUGAR CO
HONOHU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A				C		MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO						STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO						STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A						HUEHUE RANCH
KAAHA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340								KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A						CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700						C		RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A						KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A						FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR						HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI						PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A						PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A						PARKER RCH-KAPAPALA DIV
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A						CLOSED 1/16/76
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR						DEPT OF PUBLIC WORKS
KAWAHU LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI						HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A						PUNA SUGAR CO
KEAUA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700						C		KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450						C		GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280						C		STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO						STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI						MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A						K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI						HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A				C		STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A						KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A						LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A						HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A						HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A						ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI				C		MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI						ST DEPT OF SOCIAL SER
LALAMILLO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615						C		STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A						KONA EXPERIMENT STATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MORULA 18	A 6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAUHILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUNA SUGAR COMPANY
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PURAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			CLOSED 1/31/76
PUU KIHU 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOLUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS												
ISLAND OF HAWAII												
KAPOHO BEACH 93.11	3368	02	HAWAII	2	19 30	154 49	12		8A			CLOSED 1/16/76
PURAKO 95.1	A 8186	05	KOHALA	5	19 59	155 50	5	8A	8A			CLOSED 1/31/76
NEW STATIONS												
ISLAND OF OAHU												
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			NEAL ADAMS
ISLAND OF MAUI												
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	U H AGRICULTURE EXP STN

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
FEBRUARY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	10A	10A			USCG LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- + Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

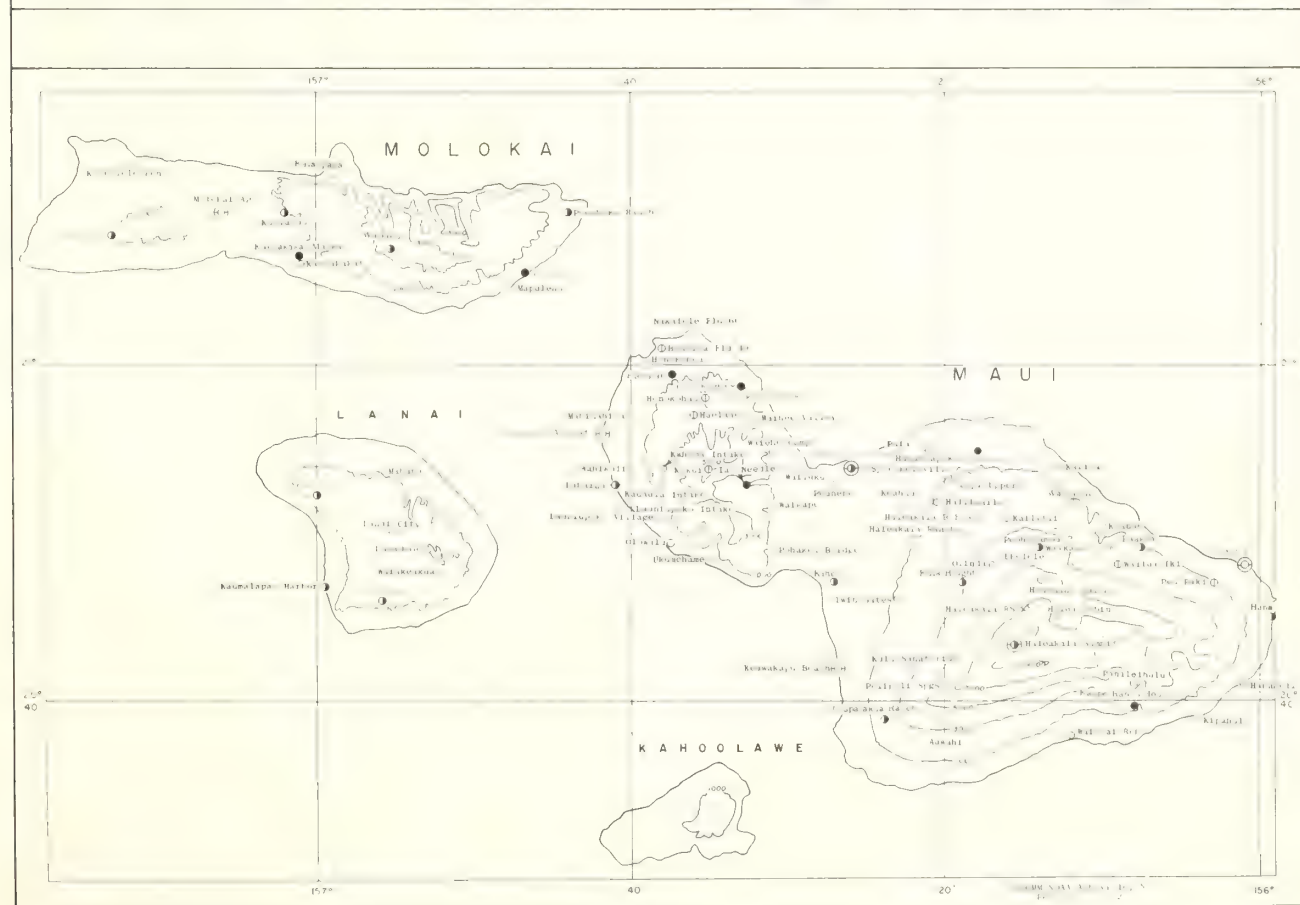
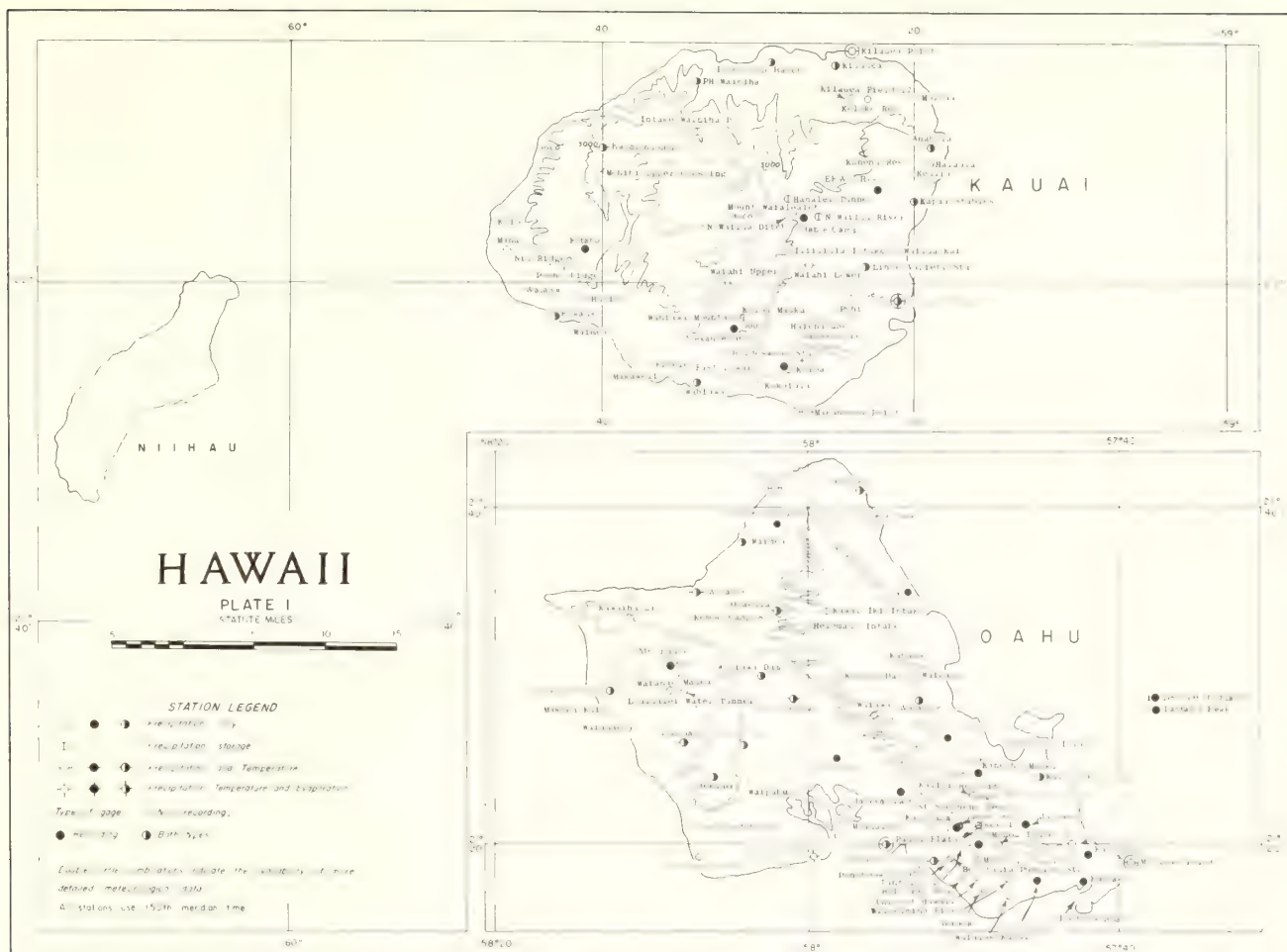
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

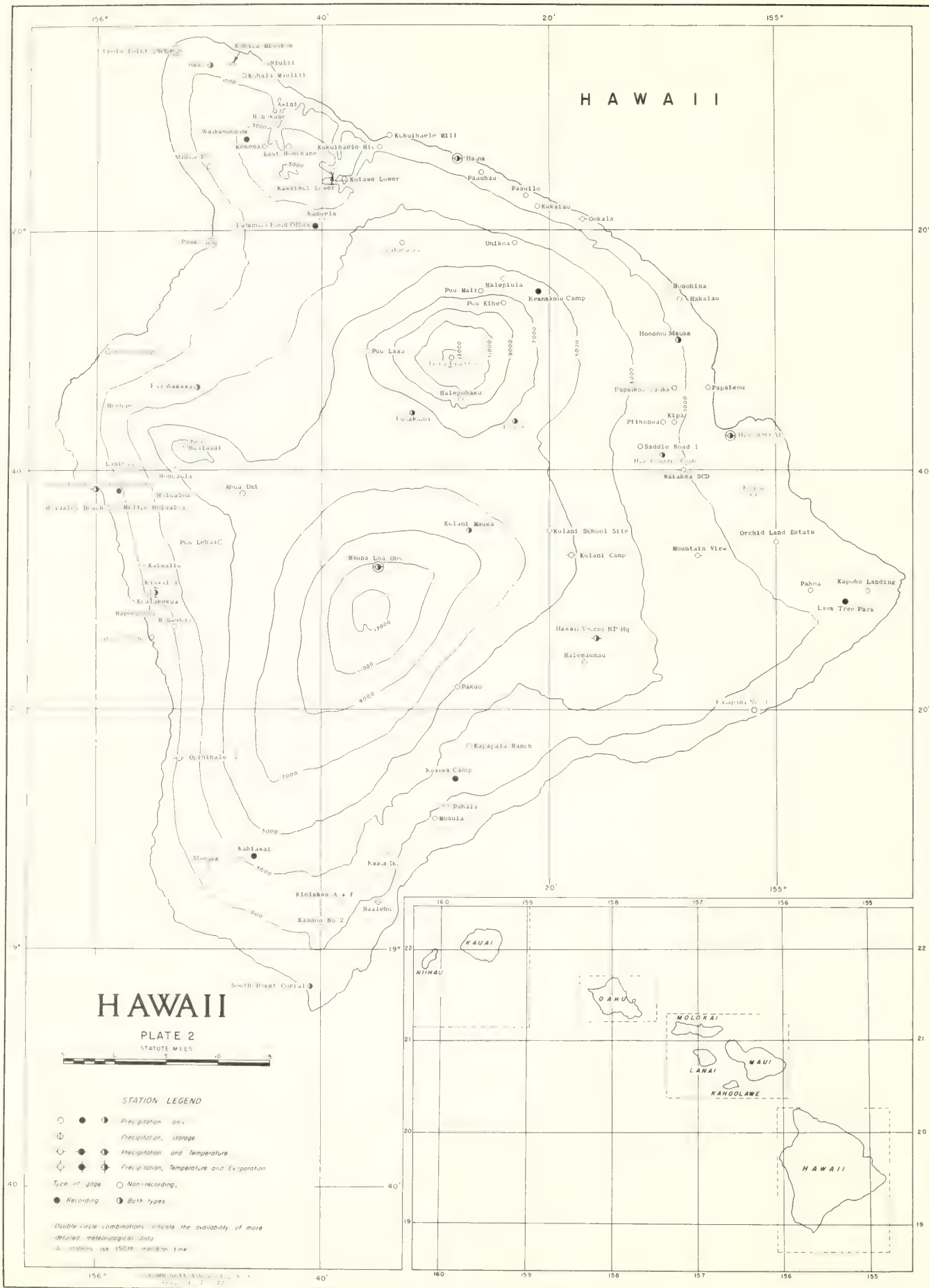
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

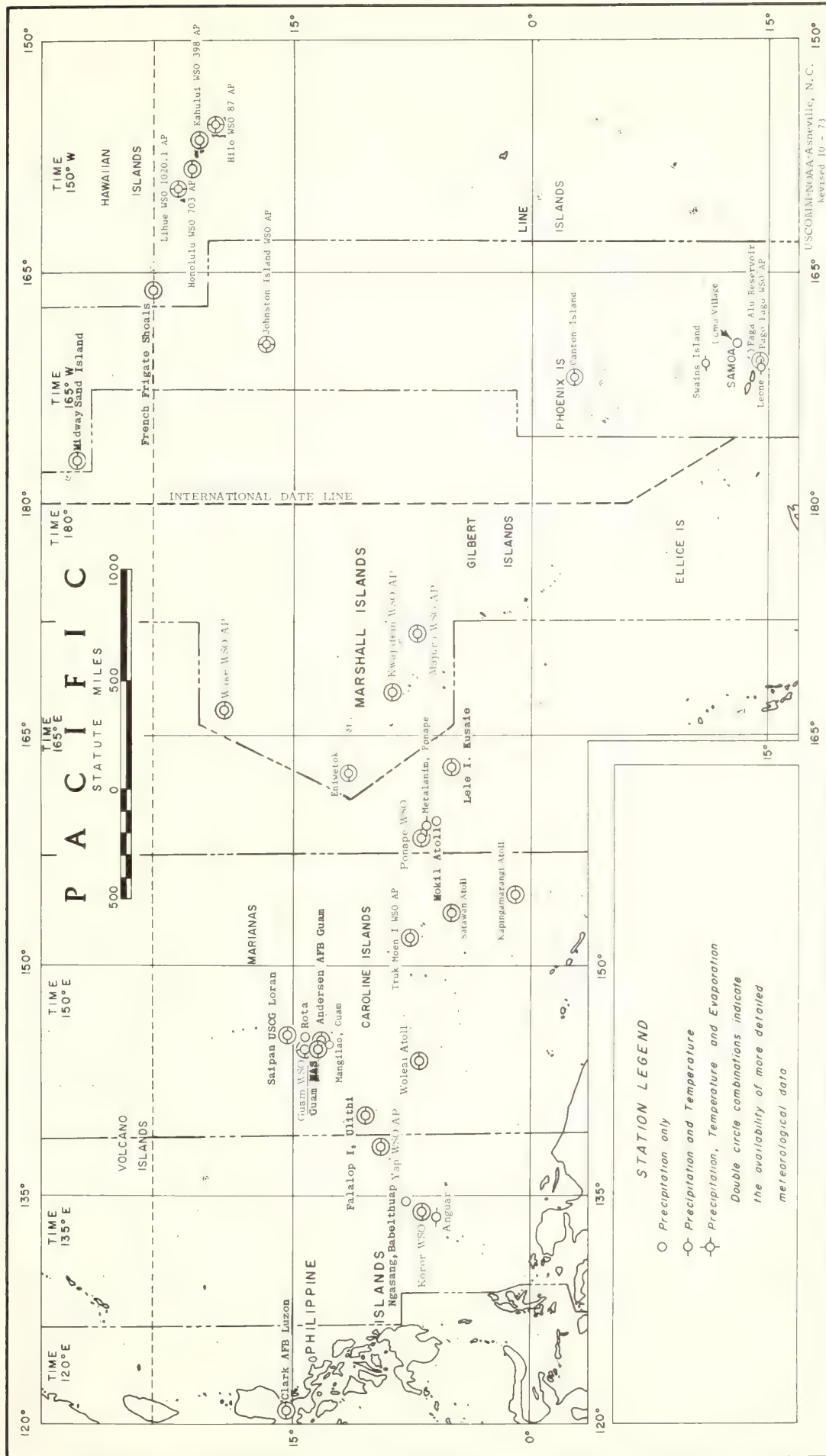
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

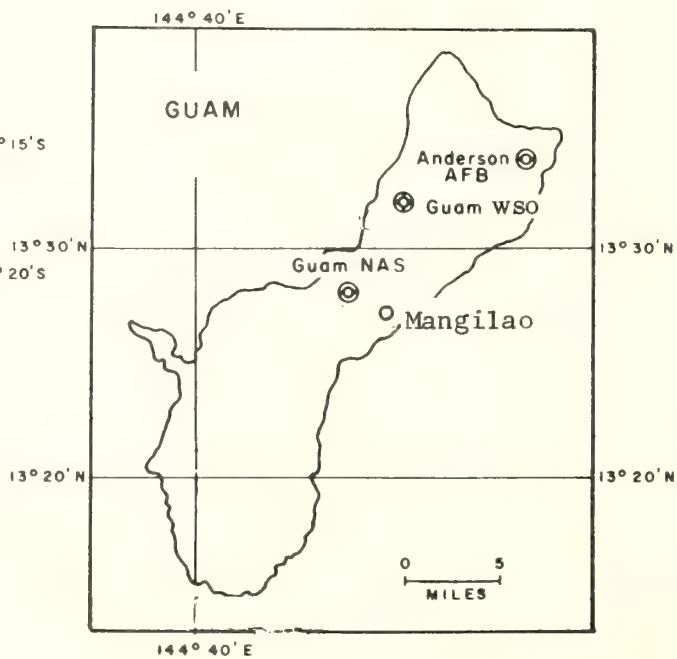
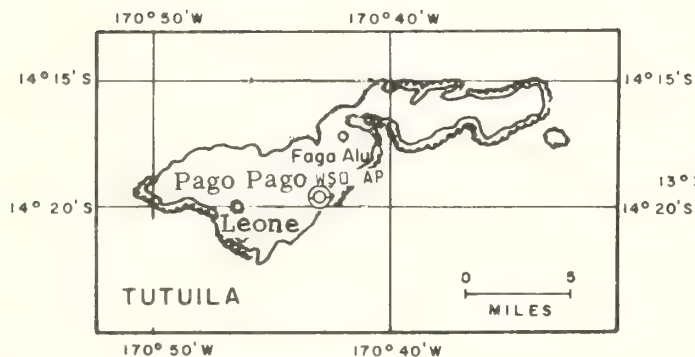
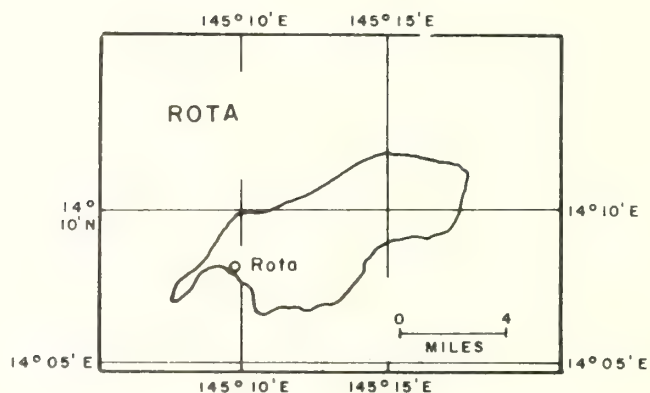
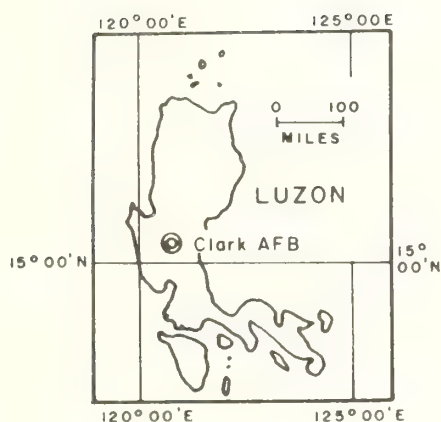
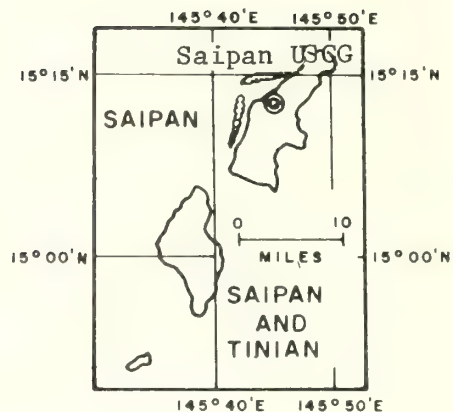
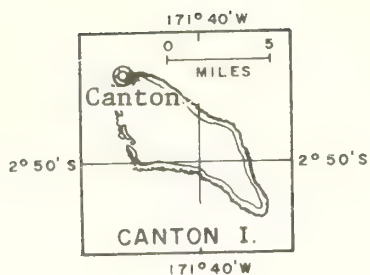
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

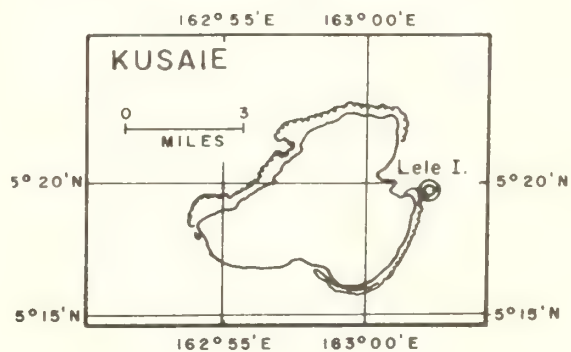
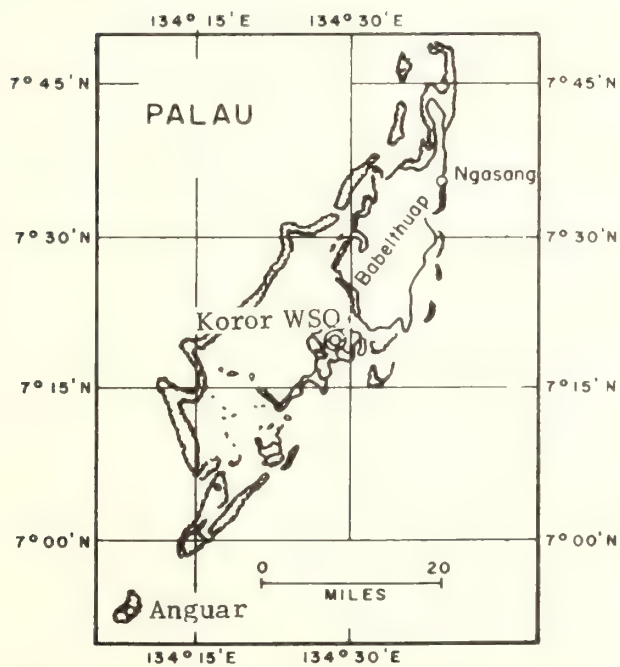
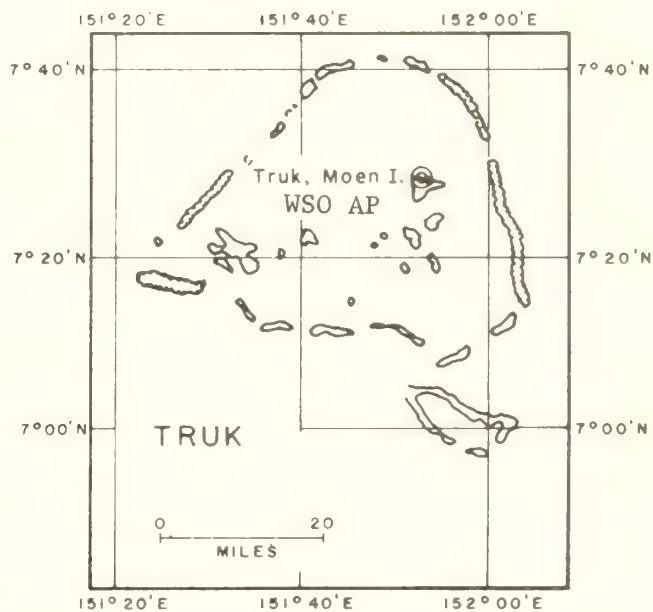
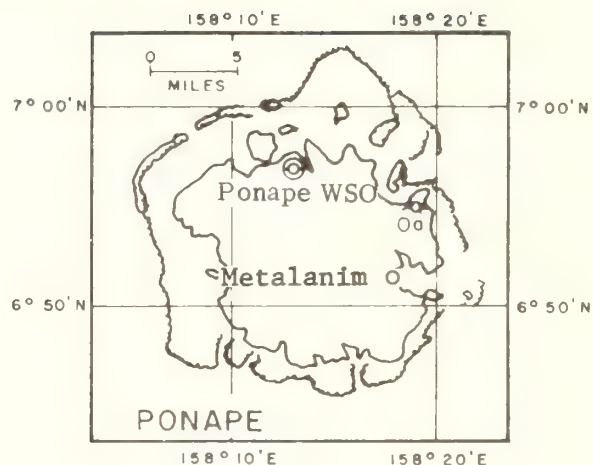
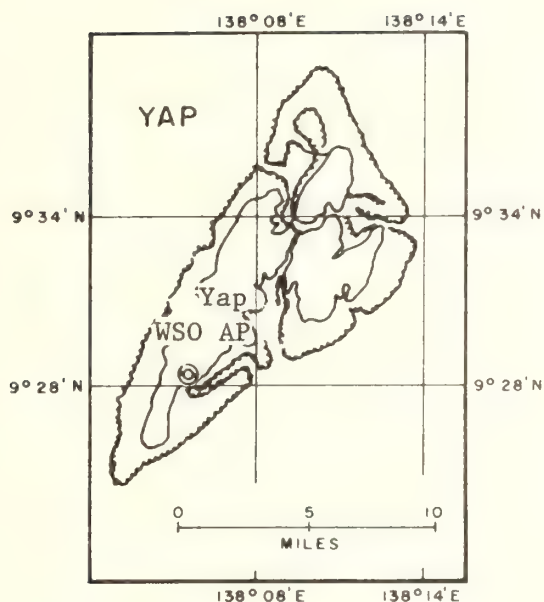




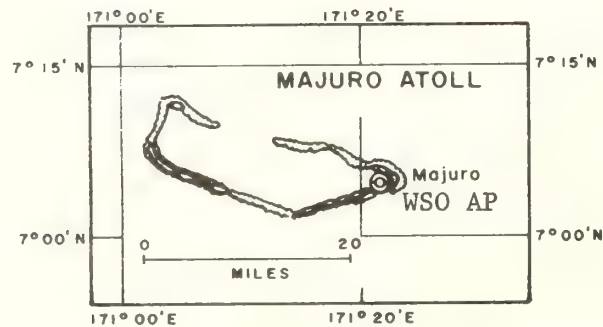
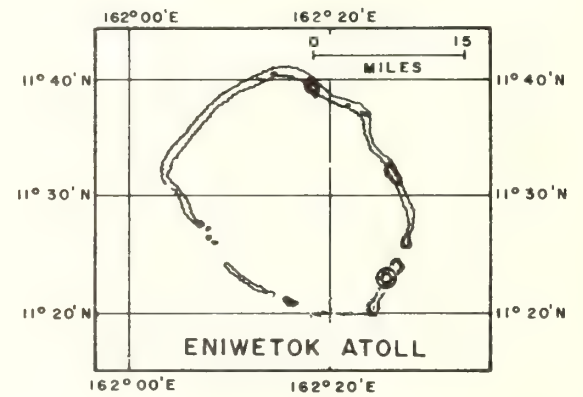
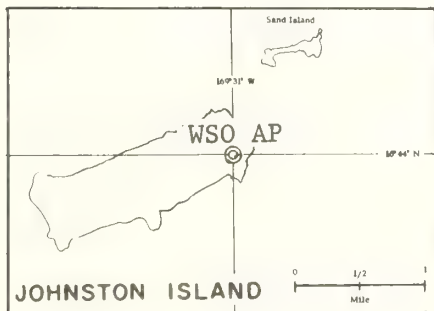
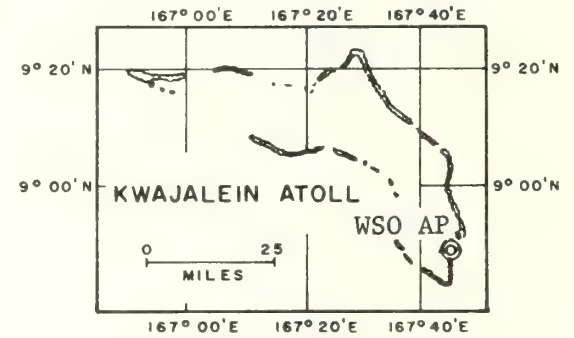
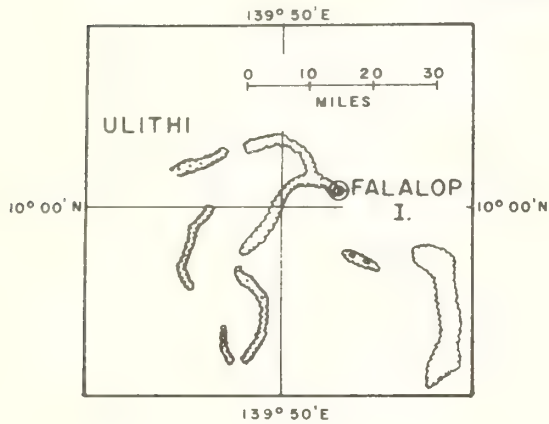
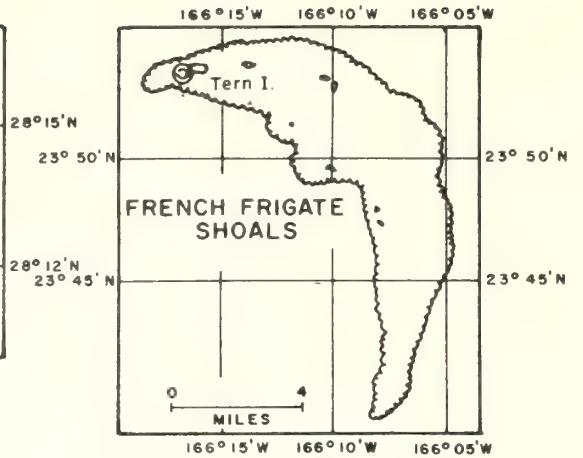
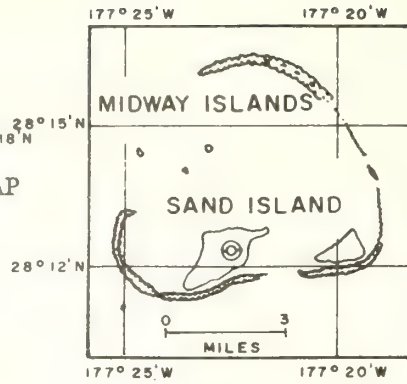
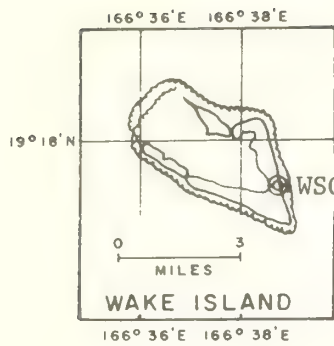




Reef



— Reef



U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

COM 210



THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	3 STATIONS	85	DATE	30+
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS HAWAII	25	DATE	31
GREATEST TOTAL PRECIPITATION:	HONOMUMAUKA 138 HAWAII	42.44		
LEAST TOTAL PRECIPITATION:	CAMPBELL IND. PK. 702.50AHU	.43		
GREATEST 1 DAY PRECIPITATION:	PRINCEVILLE RANCH 1117 KAUAI	6.80	DATE	19

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER AVERAGE	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							GREENWICH CIVIL														
							12	18	00	06											
GUAM WSO AP	-	-	-	24	E	28		78	76	86	1	6	10	5	2	0	24	70	7.4		
HILO, HAWAII, WSO AP	1	0.5	6.2	18	NW	10	93	90	77	88	1	2	11	5	7	3	29	37	9.1		
HONOLULU, OAHU, WSO AP	5	9.0	11.5	32	NE	31	69	68	55	65	7	10	4	0	1	0	22	52	7.6		
JOHNSTON ISLAND WSO AP	7	21.4	22.2	40	E	10	80	81	73	79	5	9	9	2	0	0	25	78	6.2		
KAHULUI, MAUI, WSO AP	5	9.9	12.5	35	E	26	78	78	61	72	3	9	7	2	0	0	21	52	7.5		
KOROR WSO AP	5	7.6	9.6	19	NE	27+	87		81	74	1	11	9	5	2	0	28	42	9.0		
KWAJALEIN WSO AP	7	12.2	12.7	23++	E	19+	83	83	76	80	9	9	4	2	2	1	27		7.8		
LIHUE, KAUAI, WSO AP	5	10.1	12.5	27	NE	31	77	78	70	74	3	12	6	2	1	1	25	55	7.7		
MAJURO WSO AP	8	10.1	10.7	31	E	30	84	84	79	82	1	8	6	6	5	1	27	50	8.4		
PAGO PAGO WSO AP	6	6.6	9.5	30	E	28+	86	86	71	80	6	6	11	1	0	0	24	46	7.0		
PONAPE WSO AP	-	-	-	20	NE	12	86	-	78	82	2	4	12	2	1	6	27	46	8.7		
TRUK MOEN I. WSO AP	6	10.3	11.7	26	E	31	81	-	77	77	5	10	9	3	1	0	28	40	9.8		
WAKE WSO AP	10	14.7	16.8	35	E	12	84	86	71	78	6	11	2	1	2	1	23	77	4.4		
YAP WSO AP	7	9.5	10.1	20	NE	26+	85	-	75	73	1	10	8	2	3	0	24	69	8.1		



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH
1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS					TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
											MAX.	MIN.	TOTAL	1/2 IN.	1/4 IN.					1/8 IN.	TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1975

STATION		TEMPERATURE										PRECIPITATION														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW. SLEET			NO. OF DAYS				
											MAX.	MIN.	1	2					TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	5.00 OR MORE	1.00 OR MORE		
HAWAII																										
KONA (KAILUA) 68.3	A	80.7M	66.0M	73.4M											1.23		.31	5	.0	0		0	0			
KUKUIHALE HIC 199															17.24		4.00	3	.0	0		16	7	5		
KULANI CAMP 79		59.7	46.2	53.0		66	2	39	19		0	0	0	0	17.40	7.38	2.40	27	.0	0		25	14	5		
PAHALA 21	A	76.6M	61.0M	68.6M	- .2										7.38		1.58	3	.0	0			4	3		
POHAKULOA 107	A														3.11				.0	0					0	
PUU WAHAA 94.1	A														8.63		1.96	9	.0	0		6	4			
SOUTH KONA 2.31																			.0	0						
UMIKOA 118																			.0	0						
WAIKAE SCD 88.2															27.39		2.63	6	.0	0		23	18	12		
ISLAND				65.8											13.27				.0							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1976

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	-1.00 OR MORE
											1-30	31-60	61-90	91-120										
PACIFIC																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND		87.1M	75.7M	81.4M		92	8	67	12		2	0	0	0	3.52		1.32	12	.0	0		1	1	
FAGA ALU RESERVOIR															3.30		2.50	11	.0	0		2	1	
FALERSO VILLAGE															10.70		1.98	4	.0	0		20	8	
JOHNSTON WSO AP	R	78.5	71.3	74.9	- 1.7	80	31+	68	10+		0	0	0	0	4.11	1.26	.81	10	.0	0		11	2	
LEONE		90.8M	82.0M	86.4M		93	25+	78	22		27	0	0	0	5.69		1.31	23	.0	0		14	3	
FRENCH FRIGATE SHOALS		76.8	65.1	71.0	- .1	82	29	60	2		0	0	0	0	1.41	- 2.37	.44	10	.0	0		4	0	
MIDWAY SAND ISLAND		71.4	62.7	67.1	- .7	79	5	57	11+		0	0	0	0	.99	- 2.01	.57	5	.0	0		2	1	
PAGO PAGO WSO AP	R	86.5	74.6	80.6	- .2	89	24	71	15+		0	0	0	0	4.01	- 8.06	.80	11	.0	0		12	1	
SWAIN ISLAND																			.0	0			0	
WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		82.6	75.9	79.3	.8	84	25+	73	20+		0	0	0	0	7.36	4.66	1.22	29	.0	0		13	6	
CLARK AFB LUZON		89.2	72.6	80.9	- .2	95	28	70	28+		19	0	0	0	1.75	.90	.84	11	.0	0		3	2	
GUAM NAS		84.0	75.2	79.6	- .4	87	16+	73	22+		0	0	0	0	7.73	5.45	2.21	28	.0	0		15	2	
GUAM WSMO	R	83.1	71.7	77.4	- .3	84	26+	68	21		0	0	0	0	9.04	6.10	1.38	29	.0	0		17	2	
MANGILAO															8.09		2.02	28	.0	0		6	2	
ROTA																			.0	0				
SAIPAN USCG		86.0	74.7	80.4	- .2	89	19	68	22		0	0	0	0	1.83		.48	1	.0	0		7	0	
WAKE WSO AP	R	82.5	72.4	77.5		85	31+	68	15+		0	0	0	0	6.91	5.31	2.27	13	.0	0		6	4	
CAROLINE AND MARSHALL ISLANDS																								
ANGUAR																			.0	0				
ENIWETAK		85.9	73.6	79.8	- 1.6	88	18+	68	9		0	0	0	0	2.07	.51	.63	21	.0	0		6	1	
FALALOP I. ULITHI		86.5	78.2	82.4		88	28+	75	31		0	0	0	0	6.93		1.49	20	.0	0		14	2	
KAPINGMARRANGI ATOLL		87.1	74.5	80.8		91	24	71	30		2	0	0	0	13.63		2.50	27	.0	0		20	10	
KOROR WSO	R	87.9	74.8	81.4	.3	90	25	72	1		1	0	0	0	8.05	.26	1.03	2	.0	0		16	7	
KWAJALEIN MISSILE RGN	R	85.4	77.0	81.2	- .5	87	26+	71	31		0	0	0	0	6.73	.52	2.08	31	.0	0		9	5	
LELE I. KUSAIE																			.0	0				
MAJURO WSO AP	R	84.3	74.9	79.6	- 1.6	86	29+	71	30		0	0	0	0	15.68	6.43	2.79	9	.0	0		18	12	
METALANIM		85.1	79.6	82.4		89	22	75	25		0	0	0	0	29.28		5.20	21	.0	0		18	15	
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP																			.0	0				
PONAPE WSO	R	87.2	74.9	81.1	.3	90	28+	69	30		3	0	0	0	25.30	10.26	5.73	26	.0	0		21	9	
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	85.5	77.0	81.3	.0	87	24+	72	30		0	0	0	0	5.70	- 2.28	1.10	26	.0	0		13	4	
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.5	73.3	79.9	- 1.1	89	27	69	28		0	0	0	0	8.76	3.18	1.76	31	.0	0		13	5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	5.93	.70	1.40		.03	X	.25	.02	.20		.05	X	X	.05	.15	.80	.15	.70	X	X	.85	.04	.10		.03	X	X	.30	.02	.09		
BAYESWOOD STA 985	A	7.43	.43	.70	.01			.10	.05			T	T	T	T	.03	.05	.57	.26	X	X	.29	.09	.17		.12	.71	X	X	1.12	.16	.57	
EAST LAKE 934	A	7.23	.15	.53		.03	X	.24	.10	.02	T					.05	.10	.60	.22	X	X	.40	.11	.36		.42	.35	X	X	.78	.24	.55	
ELEELE 927	A	2.40	.19	.95				.10	.02			X	X	X	T		.03	.43				T	.07	.03	.17	X	X	.19	.07	.26			
HALEKULA 1110	A	6.20	.80	1.40		.03	X	.10	.02	.27	.03	X	X	X	.06	.14	.40	.15	1.00	X	X	.80	.05	.10	.02	.05	X	X	.52	.03	.13		
HALENAHANA 1006	A	8.33	.20	1.14		.17	X	.54	.13	.13		X	X	X	.04	.04	.30	.40	1.16	X	X	.57	.24	.19	.26	.61	X	X	3.04	.22	.38		
HUKILO 946	A	2.04	.54	.95				.15							.08	.05	.27					.27											
ILILIULA INTAKE 1050	A	22.54	3.56	1.46		.52	X	.57	1.37	.02	.01	.08	X	X	.52	.24	.64	2.34	3.61	X	X	.69	.57	.62	.40	1.01	X	X	3.05	.39	.49		
INTAKE WAIHANA PC 1086	A	20.01	1.66	X	X	.09	X	X	5.78	2.88	X	X	X	X	.58	X	X	X	5.28	X	X	2.79	X	X	1.70	X	X	X	2.32	X	5.83		
KANALOHULUHU 1075	A	10.69	1.79	1.22	.02	.10		1.21	.83	.05	.75	1.00	.40	.05	.15	.04	.08	.21	.04	.12	.11	.04	.01	.03	.10	.16	.03	.44	.44	1.71			
KANEHA RESERVOIR 1092	A	15.54	1.40	2.30		.40	X	.60	.15	.20	.02	.15	X	X	.15	.20	.80	.60	2.90	X	X	1.50	.30	.35	.15	.02	X	X	.90	.05	.60		
KAPPA STABLES 1104	A	7.27	.60	1.82	.02	.10	X	.21	.02	.25	.01	.01	X	X	.02	.05	.16	.35	1.45	X	X	1.13	.06	.13	.10	.10	X	X	.18	.07	.44		
KELIA 1112	A	6.21	1.05	1.52		.07	X	.24	.02	.40	.02		X	X	.10	.09	.15	.20	.80	X	X	.75	.03	.03	.05	.02	X	X	.30	.07	.20		
KELIA 944	A	1.91	.46	.98																													
KILAUER 1134	A	10.78	.12	.47		.15	X	.22	.10	.24	.30	X	X	.31	.23	.04	.46	.31	.10	X	X	2.78	.25	.28	.25	X	X	X	1.10	.05	.33		
KILAUER POINT 1133	A	5.03	.24	.12		.13	.05	.05	.15	.11	.13	.10			.12	.21	.13	.20	.04	.01	.09	.35	.07	.01		.19	.32	.03	.13	.04	.21		
KOLA 1033	A	2.78	.70	1.12					.06	.29	.20																						
KOLA 936	A	7.82	.30	.40		.04	X	.26	.29	.04	X	X	X	.11	.05	.27	.56	1.90	X	X	.70	.20	.51	.40	.50	X	X	.51	.34	.44			
KOLA PUKIA 994	A	9.50	.18	1.86	X	X	X	.78	X	X	X	X	X	X	.17	X	X	X	X	X	X	3.52	X	X	X	X	X	X	X	X	X		
KOLAKA RES 1137	A																																
KUKUIJULA 935	A	4.21	.16	.41			X	.17	.06													.21	.02	.25	.23	.23	X	X	.08	.20	.55		
LIHUE VARIETY ST 10621	A	14.40	2.05	.98		.28	X	.80	.15	.26	.03	X	X	.07	.10	.13	.98	5.10	X	X	1.62	.19	.12	.19	.24	X	X	.51	.24	.36			
LIHUE 1020	A	8.44	.60	.91		.32	X	.31	.01	.12		X	X	.04	.24	.08	.62	3.62	X	X	.57	.11	.06	.17	.12	X	X	.22	.11	.21			
LIHUE WSO 1020:1 AP	A	7.39	1.72	.51	.24	.04	T	.04	.05	.11	T			.01	.07	.38	.69	2.12	T	.12	.12	.08	.02	.31	.06	.06	.06	.03	.09	.97			
MAHAUENA-KAUAI 940:1	A	3.51	.17	.51		.02	.02	.03	.02						.01	.19	.38	.01	.50		.01	.07	.08	.22	.43	.26	.32	.01	.11	.65			
MAKAHELE 1065	A	1.71	.24	.73	.01			.05	.02					.01	.47	.11	.03														.01	.07	
MAHA 1026	A	3.17	1.70	.73				.02																									
MAHELE LWA CROSS 1083	A	4.79	1.29	X	.06	X	.09	X	.06	X	.06	X	.29	X	X	.09	X	.39	X	.08	X	.09	X		X	.30	X				.19		
MOLOKAI 1145	A																																
MOUNT WAIKALELE 1047	A																																
NIU RIDGE 1035	A	3.46	X	2.65				.05							.53				.23														
N WAILUA DITCH 1051	A	23.98	2.33	1.09	.01	.55	X	.30	1.55	1.90	.02	.02	X	X	.08	.25	.45	2.00	5.14	X	X	1.00	.43	.46	.27	.72	X	X	3.74	.42	1.25		
PALM BEACH 1115	A	22.71	.38	2.37		.11	X	.51	2.52	.71	T	.18	X	X	.86	X	6.40	4.62	4.26	X	X	1.19	.24	.85	.07	.31	X	X	1.06	.33	.82		
PRINCETON RANCH 1117	A	13.81	.35	.27		.34	X	.84	.21	.22	.28		X	X	.52	.27	.58	.60	8.80	X	X	.68	.29	.23	.02	.12	X	X	1.16	.10	.42		
PUEHU RIDGE 1040	A	4.60	1.70	1.95				.30	.10						.27				.03														
PUNI 1013	A	4.31	1.11	.54	T	X	X	.15	.06								.04	.13	.62	.04	X	X	.26	.03	.11	.36	.28	X	X	.06	.12	.40	
WAIHANA 930	A	2.41	.08	.77				.77	.02								T	.02	.01	.83	T		.06	.07	.18	X	X	X	.06	.06	.25		
WAIHAI LOWER 1054	A	19.35	2.43	1.92		.18	.12	.08	.31	.04	.54	.02	.03		.13	.45	1.45	5.25	.23	.15	.33	.33	.49	.18	.92	1.26	.40	.37	.27	.46			
WAIHAI UPPER 1052	A	20.93	2.39	1.98	.02	.29	.19	.22	.26	1.29	.45	.01	.06	.04	.19	.03	.31	.85	2.13	3.56	.13	.24	.33	.42	.48	.35	1.20	1.91	.68	.25	.39	.48	
WAIHAI 943	A	2.11	.86	.76				.04	.04										.06	.07													
WAILUA KAI 1065	A	9.54	2.06	1.55		.26	X	.22	.11	.32		X	X	.05	.09	.03	.05	.11	.35	2.08	X	1.14	.11	.18	.03	.18	X	X	.58	.06	.19		
WAILUA 947	A	2.10	.30	1.20													.02	.07	.22	1.71	X	X	.15	.08	.16	.30	.25	X	X	.17	.20	.50	
WEST LAKE 931	A	4.68	.05	.59			X	.16	.05																								
ISLAND OF OAHU																																	
ALPHA STADIUM-HAOLAH	V	3.33	.20	.45	.02	.25	X	.12	.21	.02						.01	.65	.20	X	X	.08	.04	T	T	.20	.22	.03	.04	.01	.51	.24		
BETARTIA PUMPING STA	A	3.15	.17	.05	.01	.02	.23	.05	.01	.10	.03						.04	T			.02												
B Y LAKE 903:1	A	4.67	.53	.51	T	.64	.17	T	.05	.23	.90	T					.08	.18	.10	T	.01	.70	T	.08	.16	.08	T				.21		
CAMPBELL IND PK 702:5	A	4.43	.03	T	T	T											.02																
CAMP 94 807	A	3.44	.31	.78		X	X	.04	X	.04	X	.04	X	X	X	X	1.32	.21	X	X	.13	.06	.12	.13	X	X	X	X	.07	.11	.12		
COCONUT ISLAND 840:1	V	8.06	.36	1.74	.01	1.29	.64	X	.20	1.69	.09	.01	X	X	.03	.37	.66	.03	X	X	.35	.28		.03	X	X	X	.32	.01	.05			
CUA PLANTATION 741	A	1.93	X	.95	X	.06	X	.01					X	X	.03	.69	.25	T	.05	.10	.05	.11								.03			
HELEMANU INTAKE 881	A	8.33	1.38	X	X	.88	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1.04	X	X	.73	X	X	X	X	2.05	X	X		
HOKULU 725:2	A	4.63	X	.58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
HONOLULU OBSERV 702:2	A	.81	T	.48	.06									T	.04	.06	T				T			.04	.04						.02		
HONOLULU WSO 703 AP	A	2.67	.36		.26	.10	T	T	.06								1.29	.14		.03	T	T											

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KURAPU 534	A	6.68		.64	.03	.06	3.03			.07	.04	1.39	.02	.02					1.07				.08	.02							.17	.04	
MAHALOA 511	A	4.90		.70	.05	.30	1.92			.12	.30	.86							.41				.10	.02								.12	
POLOHAI RD 524	A																																
PUU O HOKU RANCH 542 1	A	11.59		.97	.16	2.84	.75			.30	.21	.77		.11					.06	3.47			.01	.18	.15						.18	.18	
WAIKOLU 540	A	8.69			2.00						4.45													2.24									
ISLAND OF LANAI																																	
KANEPU 680	A	6.05																5.70														.35	
KAMUAPU HARBOUR 658	V	1.45		.29		.17	.32					.20							.03				.35										
LANAI AIRPORT 656	A	6.85		.05	.66		.68	4.24			.03	.48							.05	.07					.03					.09	.01		
LANAI CITY 672	A	9.40										.26		.10																		.50	
LANAIHOLE 684	A																	8.90															
MAHANA 684	A	4.57																4.50														.07	
MAHAKULA 676	A	2.03																1.69														.34	
WAIKAEKUA 685	A	2.38		.34						1.26			.58			.13																.07	
ISLAND OF MAUI																																	
AIHUA 252	A	9.55					5.25																										
HALEAKALA B E S 434	A	10.30		26	.75	.17	.55	1.06	.02	.28	.30	.01	1.70	.63	.57			.13	.05	.25	.48	.01	.36	.12	.22	.07	.09	.71	.09	.01	.01	1.06	.34
HALEAKALA RANCH 432	A	6.62		.75		.52	.71						1.00	.44	.42				.06	.27	1.24			.23	.08					.63	.10		
HALEAKALA RS 338	A	9.02		.41	.31	.01	.17	1.57	.16	.47	.38	.51	.02	.11	2.20				.11	1.07				.12	.13	.04	.06	.27	.04		.03	.54	.27
HALEAKALA SUMMIT 338 4	A																																
HALITIMALE 423	A	6.87		10	.80	.21	.45	1.00			.19	.01	1.60	1.05	.20				.05	.03	.20	.01			.08	.08	.03	.01			.10	.56	.11
HANAKA RANCH 485	A	8.26			.00	.36	.47	2.00	.30	.41	.03	.02	.80	.30	.30					.02	.52			.03	.20	.20	.10	.37	.12	.04	.01	.20	.12
HANA 354	A	15.03		.25		.29	4.93	1.03			2.00	1.21	1.32	.88	.52									.10	.71	.01	.25	.14	.04			.21	.48
HANA AIRPORT 355	A	5.54			.58	.08	.25	2.80	.08	.10	.08	.08	.32	T					.80				.02	T	.05	.01					.15	.04	
HANAHULI 281	A																																
HOLUA CABIN 259.5	A	6.93											4.03							2.90													
HONOKAHU 480	A	13.01																														13.01	
HONOKAHU 483	A	5.58			1.76	.47					.15	.11	.60	.01	.20									.21	.12	.13	.10				.20	.03	
HONOHU GULCH 341	A	20.80																														20.80	
KANAPALI AP 453 1	A																																
KAHANA INTAKE 374	A	9.40																														9.40	
KAMULU WSO 398 AP	R	3.71		.84	.20	.08	.77	.32	.09	.01	.09	.24	.30	.32						.19	T						.02	.01		.04	.01	.17	
KAILUA 436	A	17.37																														17.37	
KAILUA 445	A	17.95			.65	1.16	2.45	2.05			2.40	.17	1.79	.52	.44					.47	.78	.03		1.05	.73	.35	.21	.43			1.09	.59	
KAILUA INTAKE 375	A	9.20		.15							3.00							2.45						.35							2.05		
KEAHUA 410	A	3.97			1.07	.17	.23	.38	.01		.01	T	1.23	.23	.26					.19	T		.02	.02	T			.02			.11	.02	
KEAHUA 346	A	31.30																														31.30	
KEAHUA BEACH 260 2	A	2.43			1.34		.05	.48																									
KIHEI 311	A	11.16					.10	1.07	.01	.61	.39	.40	.20	.18	.90									.63	.60	.36	.46	.41	.44		.14	.34	
KIPAHULU 258	A																																
KULA HEIGHTS 323.2	A	5.70			.69	.01	.03	.19	.03		.04	.50	.58	1.4	.48									.33	1.29	.20						.01	
KULA SANATORIUM 267	A	9.86			1.00	.02	1.00	2.62	.09	.05	.25	1.52	.25	.05	.46									.05	.46	1.02	.02	.01	.03	.05			
LAHAINA 351	A	1.80			.83		.05	.52					.08																				
LAUNIPUKA INTAKE 376	A	6.60																														6.60	
LAUNIPUKA VILLAGE 372	A	2.24			.93		.40	.45	.05				.30																				
LUPU UPPER 442	A	23.00																														23.00	
MAHAKULA 466	A	9.99			.90		.25	1.30	.10			.58		.77	.14	.18								.08	.15	.26	.15	.15		.02	.60	.20	
MAHAKULA FIELD 60 497	A	9.20		.04									4.66					1.45														.76	
OLINDA 332	A	13.31				2.17							4.57	2.00																		2.40	
OLINDA 296	A	1.92			.94		.15	.60						.15																			
PARKER 350	A	28.24		.09	.27	.60	2.92	4.28	.32	1.49	1.69	.21	2.80	.60	.58			.04		.17	.42	2.27	.19	.49	1.02	.75	.88	.62	.96	1.85	1.03	.52	.82
PAIA 406	A	4.50			.82	.21	.22	1.06	.17	.14	.10	.01	.40	.34	.30					.01	.30	.01		.05	.02	.02	.05	.01	T		.15	.11	
PANALEI VALLEY 259.2	A	20.30																														20.00	
POWAKA BRIDGE 307.2	A	3.46			1.76	T	.16	.99	.05				.20	.25																		.04	
POLIPOLI SPRINGS 267.2	A	9.48																														9.48	
PUNOHAKA 2 343	A	72.60																														72.60	
PUNENE 396	A	3.63			1.50		.16	.65			.04		.70							.01	.13							.01			.03		
SPECKELVILLE 400.2	A	3.57			.88		.26	.71	.07	.06	.06	.04	.51	.14	.29					.01	.29							.03	T	T	.05	.08	
TAHITI GATES 261.3	A	11.25											.20	.45									.38									.08	
UKULELE 333	A																															11.25	
UKUPUNENE 301	A	2.26			.70		.04	.90	.07				.22	.18																			
ULUPAKA RANCH 250	A	6.05			.32	.16	.70	3.27					.02	.02	.30																		
WAIKULU 354	A	2.55			1.05		.04	.65	.10																								

HAWAII AND PACIFIC
MARCH 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	3.52			.01			.01	x	.07	.08			.04 1.32	.38			.16	.13	.17	.19	.20	x		.27	.06	.03		.10	.14	x	.14		.02
FAGA ALU RESERVOIR	3.30						.10						2.50 x	x	x	.20																	.50
FALEASAO VILLAGE	10.70			.91	.45	1.98	.28		.05	.52	.35	.75	.35	.12	1.07	.02		.11	.08	.22	.15	.78	.14	.06	.65	.24	.12	.11	.08		.02		1.09
JOHNSTON WSO AP	4.11	.43	.04	.20	.65	T		T	.19	.39	.81	.01			T		.13	.08		.10	.42	.03	.10	.04	.18	.03	T	T		.24	.06	.05	
LEONE	5.69	.34	.14	.70		.23		.41		.06		.40	.57	.32	.01	.01				.08	.01		.20	1.31		.14	.49	.11	.03			.06	
FRENCH FRIGATE SHOALS	1.41								.19	.21	.44									.01			.03	.40	.08		.05						
MIDWAY SAND ISLAND	.99			.04	.02	.57	.02	.01	T	T	T						.02	.20	T			T	T				.02	.01	T	.08	T		
PAGO PAGO WSO AP	4.01	.02	.07	.49	.41	.11	.16		T	.15	.16	.80	.28	.00	T		.01	T		T	.07		.24	T		.42	.05	.30	.19	T			
SWAIN ISLAND	-																																
* * *																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	7.36	.02	.14	T	.36	T	T	T	.07		T		T	.96	.15	.46	.08	T		.85	.70		.03	T	.02	T	.53	.13	.75	1.22	.44	.45	
CLARK AFB LUZON	1.75												.84	.75						T		.04											
GUAM NAS	7.73	.25	.04		.12	T		T	.18	.12			T	.23	T	.16	T			.52	.47		.26	.17	T	.51	.21	2.21	1.10	.81	.49		
GUAM WSO	9.04	.26	.22	.03	.86	T			.32		.01	.03		.38	.36	.46	.01		.01	.69	.55		.35	.11	.01	.50	.21	.77	1.38	.49	1.03		
MANGILAO	8.09	.58	.98	.08		.05			.30							.48	.11		x	.42	.08	.07	.20	.03	.22	.09	2.02	.57	1.09	.72			
ROTA	-																																
SAIPAN USCG	1.83	.48	.04	.15	.15			.13	.11					.08	.06				.01		.19		.04	.05			.21	.06	.04	.03			
WAKE WSO AP	6.91	T	.02		.02			T	T		.02	1.66	2.27	1.45	.91		.07	.05	.03	T	T		.01	.13	.15	T		.08	.02	.01	.01		
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ANDUAB	-																																
ENJETA	2.07						.18				.25	.18										.63				.03		.41				.39	
FALAPAP I. ULITHI	6.93	.06	.23	.72	.07	.42	.81		.23		.02	.10	.03				.02			.11		.07	.10	.10	1.41	.49	.03		.20	1.49	.24		
KAPINGMARANGI ATOLL	13.63	.15	.51	1.57	.33	.48		.10	.10		.02			T	.36	.30	.42	.70	.09	.82	.77	.52	.20	.07	.51	.05	2.50	1.97	.24	.85			
KOROR WSO	8.05	1.03	.01		.29	.18	1.00	.85	.10	.07	.24	.08	.66		.12	.08	.09	.01	.12	.01	.21	.05	.08	.03	.32	.56	.47	.03	.31	.60	.55		
KUJALEIN MISSILE RGN	8.73	.77	.02			.04	T	.16	.03	T	.06	T	.10	.19	T	.03			.08	1.03	1.18	T	T	T	.19	T		.07	.08	.60	2.08		
LELE I. KUSURU	-																																
MALURO WSO AP	15.68	.15	.09		.27	.26		.21	2.79	.76	T	1.00		.72	.72	.69	.03	.55	.08	.47	1.22	.03		.04	.07	.48	.83	.03	1.43	.06	1.51	1.19	
METALANIM	29.28			.65	.75							1.20			.25	1.56	.70	.70	3.73	2.00	5.20	.30	1.30	3.50	2.40	1.70	.15						
MOKIL ATOLL	-																																
NGASANG-BABELTHURP	-																																
PONAPE WSO	25.30	.33	.05	.19	.01	T	T		.08	.10	.36	.73	.03	.25	.10	.27	.19	.23	3.21		3.37	2.29	.20	.40	3.00	5.73		.29	2.08	.80	1.01		
SATAURAN ATOLL	-																																
TRUK MOEN I. WSO AP	5.70	.02	.13	.05	.54	.41	.02	T	T	.12	.04	.28	.01	T				.05	T	.01	.09	T	.02	.14	.35		.12	1.10	.05	.31	.86	.65	.33
WOLEAI ATOLL	-																																
YAP WSO AP	8.76	.34	1.25	.03	.10	.42	.21		.13	.03	.06	.26	.01	.01	T		.07			1.41			.02	.03		.41	.09	.02	.80	.43	.87	1.76	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MARCH
1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX MIN	58 52	59 48	64 41	65 48	69 50	69 47	70 53	68 55	57 53	54 46	54 46	57 48	58 48	60 44	63 50	65 53	65 54	68 56	70 48	61 54	68 55	64 55	67 52	66 52	67 52	68 54	69 51	64 54	62 52	58 52	63.4 50.7	
KILAUEA POINT 1133	MAX MIN	79 66	79 66	72 63	76 67	75 65	76 67	77 68	77 68	78 68	69 63	69 65	76 62	74 61	73 61	76 66	75 64	71 66	71 67	75 67	77 68	78 66	75 67	77 68	76 69	78 69	77 67	76 67	77 68	76 67	76 66	75.4 65.2	
LIHUE WSO 1020.1 AP	MAX MIN	73 68	76 65	76 61	72 69	78 70	78 69	78 72	79 70	73 66	73 64	74 61	74 58	76 58	77 58	77 64	75 69	75 70	76 71	78 71	78 71	77 72	79 72	80 73	79 73	78 71	79 73	79 73	78 70	79 70	77 70	76.8 68.2	
MAKAHUEA-KAUAI 940.1	MAX MIN	83 65	81 66	83 64	76 65	75 65	79 68	80 69	79 68	80 65	78 63	79 59	78 59	75 60	80 57	84 60	84 63	84 69	77 58	79 68	80 57	80 58	79 68	79 63	79 65	79 67	76 67	77 68	79 68	78 67	80 67	79.5 64.0	
MANA 1026	MAX MIN	82 61	72 63	76 60	81 64	82 63	83 61	84 64	84 65	85 64	74 62	74 63	74 61	74 62	75 62	76 60	81 61	80 60	80 65	79 66	81 63	84 60	84 61	85 60	84 60	84 60	84 60	85 61	82 62	85 62	84 59	80.7 62.0	
NIU RIDGE 1035	MAX MIN	79 60	78 57	75 57	77 61	79 60	78 59	81 61	80 60	79 61	74 57	71 57	70 58	71 56	70 58	71 58	78 60	77 60	76 61	75 62	77 62	76 61	80 60	79 58	80 59	80 60	79 60	80 60	81 61	80 60	79 60	77.1 59.5	
WAIHAI LOWER 1054	MAX MIN	78 60	74 59	74 50	72 60	74 58	78 60	78 52	74 64	74 60	72 56	72 50	71 50	74 48	75 48	76 50	76 61	76 61	72 64	73 62	78 61	76 63	76 64	76 63	77 63	78 63	75 63	76 63	76 64	76 61	74 63	75.1 58.9	
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN	83 61	78 66	76 64	78 67	81 67		81 65	81 66	76 64	72 60	76 57		81 58	80 61	80 68	80 67	80 68					83 68	80 68	80 69	80 68				80 67	78 67	78 67	79.2 65.1
B Y U LAIE 903.1	MAX MIN	77 61	73 64	73 63	75 64	77 67	79 65	80 65	78 68	77 65	75 64	76 56	76 57	77 57	76 58	77 61	75 69	79 68	80 69	80 68	79 69	78 68	80 67	79 69	81 69	80 68	79 70	79 70	79 70	80 67	77.7 65.4		
EWA PLANTATION 741	MAX MIN	81 58	76 64	76 65	79 66	75 65		80 63	80 66	78 64	74 58	76 54		78 55	78 62	78 64	80 66	78 64					81 64	80 66	80 62	80 65			80 64	80 65	78.6 63.0		
HONOLULU WSO 703 AP	MAX MIN	77 64	79 66	79 68	75 68	81 67	81 66	83 70	83 70	80 66	77 64	77 60	77 55	78 55	78 57	80 59	79 69	82 69	82 70	82 70	81 70	82 70	82 70	82 70	82 69	82 69	81 69	82 70	82 71	82 70	82 68	80.4 66.8	
HONOLULU SUBSTA 704	MAX MIN	76 67	74 67	73 67	73 69	76 68	76 68	77 70	78 70	74 66	70 66	73 64	76 61	77 63	77 64	76 65	76 69	80 69	79 69	78 69	79 70	78 69	77 68	77 68	77 68	77 67	76 67	78 67	76 67	76 67	76 67	76.2 67.5	
KANEONE MAUKA 781	MAX MIN	79 66	75 65	73 62	71 63	69 66	77 67	77 68	76 68	76 65	72 63	72 63	77 61	77 62	79 65	76 66	73 69	74 67	76 68	79 68	78 67	78 68	77 68	77 68	78 68	77 69	78 69	77 69	76 67	75 67	77 67	78 67	76.0 66.3
LUALUALEI 804	MAX MIN	77 61	78 68	78 68	73 68	80 67	80 63	78 70	81 68	79 66	74 65	76 59	75 53	75 56	80 57	79 60	78 63	78 66	81 64	81 64	81 69	81 69	80 70	80 69	80 69	80 68	79 68	80 71	80 68	79 67	76 67	78.5 65.6	
MANDA LYON ARBORETUM	MAX MIN	82 59	75 61	76 61	75 63	68 62	75 62	74 64	73 63	75 61	71 58	70 57	76 52	76 53	78 54	75 62	73 63	70 62	78 63	77 63	77 63	76 63	74 63	78 63	73 61	75 62	75 63	77 63	72 64	74 61	72 61	74.6 60.8	
OPAEULA 870	MAX MIN	80 65	80 63	75 63	75 61	75 62	79 63	79 65	75 62	75 62	75 62	75 60	75 60	76 59	75 60	75 64	75 63	75 63	80 62	78 63	79 68	80 65	80 64	80 63	80 64	80 64	79 63	77 63	79 64	78 64	72 64	77.1 63.0	
PRI WAIHAWA 820.2	MAX MIN	72 53	74 52	72 50	79 51	72 50		80 53	79 51	72 51	71 50	71 50		78 50	79 51	78 53	78 51	79 51	78 51	79 51	78 51	79 51	78 52	78 55	78 55	78 52	81 52	80 55	79 55	78 52	76.8 51.5		
WAIALEE 896.3	MAX MIN	79 63	75 66	74 66	70 67	76 67	76 67	76 68	76 65	74 66	73 66	74 65	78 63	78 62	76 63	75 68	76 61	75 63	79 68	79 69	78 69	78 68	78 69	78 69	77 68	78 68	77 68	78 68	79 69	78 67	76.5 66.2		
WAIALUA 847	MAX MIN	79 58	77 62	73 63	74 64	70 64	79 62	79 60	79 61	78 64	75 62	72 58	73 62	75 54	75 56	76 57	76 60	77 62	78 64	82 65	81 63	78 65	79 65	78 62	79 62	79 62	80 63	80 63	79 63	79 61	77.2 61.0		
WAIKIKI 717.2	MAX MIN	82 63	79 63	80 66	79 68	75 66	82 63	81 68	82 68	82 66	80 65	76 59	78 53	79 55	79 56	79 58	79 67	80 66	82 65	85 64	82 65	83 65	82 65	81 65	82 65	82 65	82 65	82 65	83 65	84 65	83 66	82 64.8	
WAIMANALO EXP FARM	MAX MIN	78 62	75 63	75 64	71 64	70 66	77 66	78 67	77 68	78 65	72 64	72 62	76 55	76 56	77 58	78 62	78 65	75 68	79 67	78 68	79 68	81 68	78 67	79 68	82 67	80 68	81 68	78 67	78 68	78 68	79 68	76.8 65.4	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	76 60	70 60		70 65			70 61	71 62	70 61	71 60	71 59		72 59	71 58	72 64	72 65	73 65					73 64	73 64	73 64	75 65				74 62	70 63	70 62	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	57 39	55 43	56 44	60 46	52 43	49 42	54 43	59 45	56 39	53 40	59 43	48 38	52 38	53 40	56 40	59 43	59 45	54 46	61 45	61 39	58 42	60 44	59 45	61 40	60 42	55 42	60 42	60 43	60 39	57 40	51 39	56.6 41.111
HALEAKALA SUMMIT 338.4	MAX MIN																																
HANA AIRPORT 355	MAX MIN	82 59	75 64	76 66	76 62	70 64	78 62	78 67	80 66	81 66	76 62	72 64	76 56	75 56	79 66	77 57	77 65	79 68	79 67	82 63	80 64	81 68	82 67	79 67	79 66	79 66	80 64	82 68	81 71	81 66	79 64	80 65	78.4 64.3
KAAHAPALI AP 453.1	MAX MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MARCH
1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KAHULUI WSO 398 AP	MAX MIN	78 65	74 69	78 68	77 69	75 67	80 60	82 68	81 68	75 64	74 65	70 61	76 55	80 56	80 57	79 64	80 70	78 68	83 69	83 66	83 66	82 71	82 71	82 70	82 70	81 69	83 69	82 68	83 65	81 68	81 68	75 66	79.4 66.1	
KAILUA 446	MAX MIN	78 60	74 60	68 60	71 60	70 62		72 63	75 62	68 58	66 58			76 61	75 65	75 65	75 67	74 66					75 65	73 64	73 63	74 66	71 63		74 64	75 62	79 62	73.3 62.4		
KEAWAKAPU BEACH 260.2	MAX MIN																																	
KULA SANATORIUM 267	MAX MIN	70 56	69 58	70 56	68 57	67 58	65 54	67 55	68 57	68 56	68 56	62 57	61 51	66 50	67 50	65 51	68 53	70 58	70 60	69 57	69 55	70 54	70 55	68 58	69 56	68 56	70 55	70 56	71 56	70 54	70 54	69 53	68.1 55.2	
LAHAINA 361	MAX MIN	78 66	79 67	83 67	78 67	75 65	81 62	83 67	82 68	82 65	76 63	70 65	77 57	77 60	79 62	78 62	80 63	83 66	85 67	83 67	83 64	84 65	82 66	82 65	82 64	83 64	84 66	83 66	83 66	84 62	85 64	78 65	80.7 64.5	
WAILUKU 386	MAX MIN	80 61	76 65	72 65	75 66	73 64		78 65	76 67	76 63	72 62	68 59		81 57	74 62	75 68	76 67	80 67					78 68	77 68	78 68	77 68	77 67		79 66	78 67	77 66	76.2 65.0		
ISLAND OF HAWAII																																		
HAWAII VOLCNS NP HQ 54	MAX MIN	66 51	66 52	66 52	65 55	65 52	57 50	65 51	66 51	69 53	66 50	65 54	65 53	58 51	66 50	67 49	66 51	67 51	65 50	69 45	67 49	64 51	64 52	66 53	65 51	66 49	63 51	59 52	59 51	61 51	60 50	62 49	64.4 51.0	
HILO WSO 87 AP	MAX MIN	83 61	80 65	76 70	77 68	70 66	75 66	79 66	80 64	79 68	77 66	71 66	70 66	77 62	78 64	79 64	78 67	77 66	81 66	81 63	80 65	80 67	80 67	79 67	80 67	79 66	79 66	77 66	76 66	78 66	75 64	77.5 65.7		
KAINALIU 73.2	MAX MIN	76 60	78 59	76 59	75 61	71 60	68 59	69 58	75 58	75 58	76 60	75 60	70 60	72 56	74 55	73 57	74 61	74 58	74 61	75 58	76 62	73 58	76 60	75 61	75 62	75 60	69 59	75 60	75 59	74 58	74 57	74 57	73.9 59.0	
KAMUELA 192.2	MAX MIN	77 48	74 49	75 57	71 58	70 57		68 57	72 56	74 56	68 56	66 54		70 47	70 57	64 56	69 57	74 50				72 55	67 58	67 57	68 57	66 57			69 56	67 56	67 56	69.8 55.1		
KEAAU 92	MAX MIN	81 60	81 60	79 62	76 66	74 64	69 63	71 63	77 63	78 62	78 64	70 63	68 62	76 60	78 60	76 63	75 63	76 64	79 62	79 62	78 64	78 64	77 64	78 64	78 63	77 63	74 63	77 64	75 65	73 63	76 61	76.0 62.8		
KOHALA MISSION 175.1	MAX MIN	78 61	80 63	69 65	74 65	75 63	67 62	74 63	74 63	77 63	77 62	66 59	64 56	74 56	72 59	77 61	74 65	71 62	72 64	77 64	78 63	72 65	76 65	75 65	74 63	75 63	74 64	75 64	71 64	73 65	75 62	73.7 62.9		
KONA IKAILUI 68.3	MAX MIN	83 64	81 68	80 67	81 67	79 65		81 64	83 65	81 66	79 66	77 65		80 61	79 65	78 65	79 65	80 66				83 65	80 70	82 70	81 69	83 66			82 66	82 68	81 66	80.7 66.0		
KULANI CAMP 79	MAX MIN	64 44	66 46	60 47	61 48	60 49	54 45	59 47	60 45	61 47	62 46	60 49	59 47	55 44	63 40	64 41	62 45	62 50	60 50	61 39	63 45	59 46	58 49	59 49	60 48	60 45	60 49	55 50	56 46	57 50	56 41	55 45	59.7 46.2	
MAUNA LOA SLOPE OBS	MAX MIN	48 28	44 33	43 31	40 32	36 30	37 28	40 32	43 30	42 32	43 33	46 33	37 27	40 27	46 31	47 33	35 30	42 33	42 34	43 32	44 32	47 30	48 30	44 32	44 30	44 32	46 31	48 31	46 28	44 26	42 27	42 25	43.0 30.4	
MOUNTAIN VIEW 91	MAX MIN	76 56	76 58	76 60	73 62	72 60	73 57	73 57	74 57	71 61	74 60	65 59	74 56	74 56	74 56	72 58	72 60	70 59	75 58	77 58	77 58	77 58	77 58	72 58	72 61	72 59	70 58	70 60	70 60	67 59	70 56	72.6 58.5		
NAALEHU 14	MAX MIN	79 62	75 63	78 62	78 60	77 63		78 59	77 64	77 63	72 64	74 63		79 59	75 60	77 63	76 64					79 63	77 65	77 63	79 63	76 66			78 62	78 65	77 63	77.0 62.7		
OOKALA 223	MAX MIN	74 62	76 63	74 64	74 66	75 64	69 64	76 65	76 63	76 62	74 64	70 62	66 61	70 60	75 62	75 64	73 64	74 62	74 64	75 64	75 65	76 64	78 64	74 66	76 64	76 65	75 63	74 63	72 65	74 67	75 62	76 62	73.9 63.6	
OPINIHALE 2 24.1	MAX MIN	81 56	75 58	75 60	72 59	67 56	73 57	76 57	75 58	76 59	72 60	72 56	71 56	74 53	72 55	72 57	73 57	75 59	77 57	78 58	75 56	78 56	78 56	75 58	79 61	76 60	73 56	78 57	77 58	78 55	74 54	75.0 57.3		
PAHALA 21	MAX MIN	78 59	73 61	77 61	79 64	77 62		75 58	76 58	77 61	73 61	75 64		77 59	75 61	77 63	76 63					77 58	78 63	78 61	77 61	76 61		78 63	76 61	78 61	76.6 61.0			
SOUTH KONA 2.31	MAX MIN																																	
UPOLU POINT USCG 159.2	MAX MIN		81 68	74 67	77 68	75 65	70 65	76 66	77 65	78 65	78 65	72 62		77 62	78 63	78 66	76 68	76 64	75 66		79 66	79 67	79 66	77 66	77 66	77 66	77 67	77 66	75 56	78 67	78 66	77 66	76.7 65.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MARCH
1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • •																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	88 78	88 77	88 77	88 77	88 77	87 77	92 77	87 76	87 77	87 67	87 73	80 77	87 77	88 75	87 77	86 76	90 76	86 72	88 74	86 76	87 79	88 78	88 75	87 75	85 71	86 76	86 77	87 77	85 71	86 76	86 77	87.1 75.7
JOHNSTON WSO AP	MAX MIN	78 68	76 68	76 69	78 69	80 72	79 74	80 74	78 68	78 68	74 69	77 67	78 71	77 72	80 71	78 73	80 74	78 73	80 71	77 70	79 74	78 70	80 73	78 72	79 71	80 74	79 75	80 72	79 73	80 73	80 71	78.5 71.3	
LEONE	MAX MIN	93 80	92 81	92 83	90 83	92 81	92 81	90 80	90 80	92 80	90 85	90 80	92 80	90 87	90 80	91 84	92 85	91 82	92 86	92 88	88 78	92 82	93 84	88 81	87 80	90 82	90 82	90 83	90 82	90 83	90 82	90.8 82.0	
FRENCH FRIGATE SHOALS	MAX MIN	76 64	69 60	71 63	75 64	78 67	77 66	78 65	81 65	81 63	72 63	71 63	70 64	72 63	72 64	76 67	78 67	78 62	81 66	81 66	78 67	79 66	78 65	81 68	79 67	78 68	80 67	82 67	81 67	81 68	76.8 65.1		
MIDWAY SAND ISLAND	MAX MIN	68 57	69 63	73 63	76 66	79 63	70 62	69 61	70 61	68 60	68 57	66 57	70 63	71 62	71 67	69 64	71 62	72 60	75 64	74 65	71 64	72 66	73 66	76 67	74 65	74 61	69 61	73 62	73 66	73 65	73 65	71.4 62.7	
PAGO PAGO WSO AP	MAX MIN	87 71	86 74	85 76	87 75	86 73	87 74	88 77	84 73	86 72	84 72	85 74	86 75	86 73	87 71	87 72	87 76	87 74	87 80	86 80	87 73	88 73	88 73	89 72	88 72	84 77	86 73	87 77	87 79	87 80	88 77	86.6 74.6	
SWAIN ISLAND	MAX MIN																																
• • •																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	83 75	84 77	84 78	82 77	83 77	83 77	84 77	83 76	83 77	83 77	84 76	79 77	82 77	82 76	82 76	83 77	82 76	80 74	82 73	82 76	83 75	84 77	83 76	84 78	83 75	82 77	83 74	82 75	83 75	80 75	82.6 75.9	
CLARK AFB LUZON	MAX MIN	91 72	86 70	90 70	86 70	82 70	84 73	86 75	91 75	86 75	93 77	93 75	90 75	88 73	90 72	86 73	91 72	86 72	90 72	88 73	88 75	90 75	91 72	91 72	91 72	95 70	93 72	91 73	93 72	89.2 72.6			
GUAM NAS	MAX MIN	85 76	83 77	83 76	83 76	84 76	85 77	85 76	84 77	84 76	85 75	84 75	85 74	82 73	87 76	84 75	84 76	83 74	84 74	85 77	86 73	85 74	83 77	86 76	85 74	83 76	84 75	80 75	82 74	80 75	84.0 75.2		
GUAM WSMO	MAX MIN	84 71	84 73	83 73	83 74	83 74	84 73	84 74	83 74	83 74	83 74	83 74	82 70	82 70	83 71	82 70	83 70	82 71	83 68	83 72	83 72	83 72	84 72	83 72	84 72	83 71	83 72	82 70	80 70	83.1 71.7			
SAIPAN USCG	MAX MIN	84 73	85 76	86 76	86 75	87 77	84 75	85 77	86 75	85 75	84 78	83 74	87 75	85 75	86 75	84 73	87 76	86 75	89 74	86 72	87 77	88 68	87 71	86 72	87 72	86 76	87 76	86 75	87 75	87 76	87 78	86.0 74.7	
WAKE WSO AP	MAX MIN	81 71	81 69	82 72	83 74	83 75	83 73	82 74	80 74	83 74	82 75	81 68	81 68	74 68	79 69	84 68	85 73	81 73	81 73	83 73	85 72	84 74	84 72	84 74	84 75	84 74	83 73	84 71	85 70	85 73	85 74	82.5 72.4	
• • •																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	86 72	85 77	88 72	86 69	86 72	88 72	85 72	85 68	86 68	87 69	87 70	84 73	87 75	88 75	86 77	88 71	88 72	86 76	84 75	84 78	85 74	87 73	87 74	84 78	84 74	86 78	87 76	85 77	87 70	85.9 73.6		
FALALOP I. ULITHI	MAX MIN	82 79	86 77	87 76	87 77	87 80	87 78	88 77	88 77	86 77	87 80	86 77	87 80	86 77	88 76	88 79	88 80	86 76	87 79	88 80	83 76	86 78	87 79	86 76	87 80	88 81	88 80	88 79	87 80	87 78	86.5 78.2		
KAPINGMARRANGI ATOLL	MAX MIN	89 75	89 73	86 76	89 75	89 75	85 75	86 74	88 78	86 74	86 75	88 74	88 75	86 74	88 75	86 76	88 72	86 74	90 73	86 74	89 75	91 75	85 75	89 72	85 76	85 76	86 72	85 72	81 71	88 78	87.1 74.5		
KOROR WSO	MAX MIN	88 72	87 74	88 76	88 77	88 75	89 75	88 73	89 74	88 75	88 75	88 75	87 75	88 75	88 75	87 75	88 75	88 75	89 75	89 74	89 74	88 76	88 75	88 74	90 74	88 76	85 74	87 76	84 76	87 76	87.9 74.8		
KWAJALEIN MISSILE RGN	MAX MIN	82 74	86 77	85 78	86 79	87 79	87 79	86 75	85 76	86 79	85 78	87 76	86 79	84 76	86 77	86 79	87 77	85 79	83 76	85 78	86 78	86 75	84 75	86 78	87 79	86 78	86 77	86 77	83 74	83 71	85.4 77.0		
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	84 75	84 76	84 77	86 76	85 76	85 77	85 76	85 73	82 74	83 77	83 73	83 75	84 74	86 77	85 76	85 75	85 73	84 73	84 74	86 76	86 75	86 74	86 75	86 74	86 76	86 75	82 72	86 75	81 71	84 73	84.3 74.9	
METALANIM	MAX MIN	86 82	84 80	86 78	87 79	85 81	86 83	85 81	86 82	85 81	86 82	85 80	85 81	84 80	84 79	83 78	85 79	83 79	84 80	84 80	84 81	89 80	87 76	85 76	86 75	85 76	84 80	84 81	86 78	84 79	86 80	85.1 79.6	
PONAPE WSO	MAX MIN	86 77	90 75	87 74	89 78	89 78	89 78	88 76	90 75	88 77	87 75	86 74	87 75	86 75	89 76	89 75	82 75	88 78	89 76	89 73	89 73	81 73	86 77	85 75	83 72	82 70	90 77	86 73	87 69	87 73	88 73	87.2 74.9	
SATAWAN ATOLL	MAX MIN																																
TRUK, MOEN I. WSO AP	MAX MIN	87 78	85 75	85 77	87 77	86 76	85 76	87 78	86 79	86 75	85 75	87 79	86 79	87 79	87 79	84 79	87 77	87 79	87 79	87 79	87 79	87 79	87 76	87 76	84 77	84 76	82 76	81 74	83 72	83 75	85.5 77.0		
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	88 76	83 71	86 72	86 76	86 73	86 72	87 74	86 74	86 75	85 75	87 74	87 74	86 70	87 73	87 71	88 74	87 73	88 75	88 74	86 71	88 71	88 72	87 76	88 70	87 74	88 74	89 76	87 69	83 75	84 75	83 74	86.5 73.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MARCH
1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
LIMUE WSO 1020.1 AP	EVAP	.57	.16	.21	.08	.10	.26	.20	.18	.22	.22	.18	.11	.20	.23	.21	.10	.22	-	.15	.31	.21	.22	.06	.18	.53	.32	.38	.27	.33	.35	6.968	
	WIND	166	76	116	102	114	156	160	121	110	96	70	51	96	65	186	232	229	131	110	169	213	209	210	215	253	271	224	213	243	242	4849	
	MAX	83	81	80	78	83	82	80	82	76	72	72	74	79	79	77	72	72	74	80	83	77	80	81	82	79	81	81	81	81	81	78.8	
	MIN	55	54	54	54	54	60	61	60	53	51	50	50	50	56	59	62	64	63	62	62	61	62	62	62	62	63	62	59	60	59	59	58.1
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.15	.07	.15	.00	.10	.10	.25	.20	.15	.25	.23	.15	.25	.19	.25	.19	.20	-	.22	.20	.21	.26	.22	.40	.44	.29	.26	.30	.20	.20	.39	6.698
	WIND	16	56	31	34	18	23	32	26	36	68	50	32	32	32	30	22	29	25	21	20	31	34	40	33	50	50	55	38	38	47	49	1098
	MAX	89	75	76	83	73	83	85	82	83	84	77	75	80	75	77	83	78	75	80	88	87	83	88	84	85	85	85	84	85	86	86	82.0
	MIN	59	59	64	59	62	60	60	62	63	57	56	55	54	55	61	67	67	61	63	63	63	64	64	59	62	62	62	63	60	66	61	61.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MARCH 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO RP	EVAP	-	-	.20	.44	.33	.32	.31	.35	.29	.21	.38	.51	.44	.39	.39	.39	.35	.31	.26	.23	.31	.33	.33	.70	.42	.38	.36	.31	.74	.38	.43	11.538
	WIND	127	318	295	262	227	211	214	242	250	347	335	277	263	240	239	247	207	171	161	200	267	278	264	255	257	263	246	257	300	293	285	7798
	MAX	82	75	76	78	84	85	83	81	82	77	77	78	77	75	81	82	86	85	86	83	82	82	82	82	82	83	81	81	82	80	80	81.0
	MIN	68	66	66	67	68	68	67	65	66	63	62	61	61	62	63	64	67	66	67	67	68	68	68	68	68	68	67	68	68	67	67	66.1
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.20	.25	.23	.25	.22	.30	.30	.24	.22	.28	.32	.28	.14	.26	.25	.29	.33	.26	.02	.20	.30	.24	.20	.33	.29	.17	.24	.22	.15	.12	.12	7.22
	WIND	183	143	158	126	164	155	153	137	138	122	140	107	87	99	143	118	125	108	111	119	77	106	122	189	163	160	201	206	190	202	210	4462
	MAX	85	85	83	82	83	85	85	82	85	83	85	86	84	82	84	85	84	83	84	84	88	86	85	85	85	83	83	80	80	80	78	83.6
	MIN	68	69	68	67	66	66	67	68	67	66	66	63	65	66	65	65	64	64	66	68	65	67	66	69	68	69	67	68	68	69	69	66.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A			LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	280					LIHUE PLANTATION CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAOH 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIP0 945	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	7A	7A			KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A			LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A			KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A			NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150					KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKULUA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A	5560	02	LIHUE	2	22 01	159 23	380		7A			LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA-KAUAI 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKANEI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M-M 1001	6097	02	KOLOA	2	21 55	159 28	300					MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID			U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WIALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID			U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A			MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A			EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740					LIHUE PLANTATION CO LTD
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A			MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320					DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A			DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565					J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170					BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAIALUA	5	21 33	158 00	1274		WI			WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR			H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF OAHU													
#HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C		NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A		C		D O W A L D
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C		MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A				U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI				WAI AHOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C		KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C		GRADEN HARGER
KALIHU RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID				BOARD OF WTR SUPPLY
KANEOME MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A				STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A				KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A				WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A				WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A				C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C		PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI				U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C		MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A				HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C		CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A				NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A				MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A				LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID				BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C		EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A				JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C		CHESTER T KAINUMA
MOUNT KAA LA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C		FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID				BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI				BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C		WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A				CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID				BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID				BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A				CLOSED 2/29/76
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C		PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20						MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A				NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C		JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A				CLOSED 2/29/76
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C		SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C		BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A				R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A				DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A				W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C		WAIALUA SUGAR CO. INC.
WAI AHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C		WAI AHOLE WTR CO LTD
WAI ALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A				SPENCER TINKER
WAI ALAE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A				WAI ALAE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C		WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A				BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C		MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO				WAI AHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI				WAI AHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A				HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C		WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A				WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C		WAIMANALO EXP FARM
WAI MEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C		WAIALUA SUGAR CO. INC.
WAI PAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A				WAI AHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID				BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAU PAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A				KALAU PAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A				MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C		MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR				MOLOKAI RANCH. LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C		DEL MONTE CORPORATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
MAUNALOHA 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	MOLOKAI RANCH COMPANY ALOHA AIRLINES MISS MIRIAM DAVIS PUU O HOKU RANCH MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY KOELE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO CLOSED 2/9/76 U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030		8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHAU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHUA 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	
KANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUOULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	A 4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO HANA RANCH-KIPAHULU SEC U H AGRICULTURE EXP STN MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		WI			
LAUNIUPOKO VILLAGE 372	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		WI			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)			
ISLAND OF MAUI														
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A					HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					S		EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A					HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR					KAOHOLA RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO					HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A					PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A			C		ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A					PIONEER MILL CO LTD
WAIHEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A					WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A					WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO					E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR			C		EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A					WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630						S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A					WAILUKU SUGAR COMPANY
WAILOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC					HALEAKALA RANCH CO
ISLAND OF HAWAII														
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO					W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A					NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A					HONOKAA SUGAR CO
HAHALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A					MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO					HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO					KUKAIUA RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO					MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A			C		HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A			C		K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A			C		REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			C	J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO					STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A					CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040							SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A					SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A					MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A			C		MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO					STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO					STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A					HUEHUE RANCH
KAAHA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340							KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A					CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700							RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A					KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A					FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR					HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI					PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A					PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A					PARKER RCH-KAPAPALA DIV
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR					DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI					HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A					PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700							KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450							GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280							STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO					STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI					MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A					K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI					HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			C		STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A					KONA VILLAGE RESORT HTL
KUKAIUA 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A					LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A					HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A					HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A					ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI			C		MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI					ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615					C		STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A					KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650					C		STATE DIV OF PARKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAKAHALAU 103		5761	02	HAWAII	1 19 59	155 33	3820		6A			PARKER RANCH STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY KONA EXPERIMENT STATION KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA
MANUKA 2	A	6134	03	KAU	3 19 07	155 50	1760		WI			
MAUNA KEA OBS 111.2		6183	02	HAWAII	2 19 49	155 28	13770		7P			
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5 19 32	155 35	11150	9A	9A			
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4 19 37	155 58	475		7A			
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1 20 06	155 50	1380		VAR			
MORULA 18	A	6407	03	KAU	3 19 11	155 30	600					
MOUNTAIN VIEW 91		6552	02	PUNA	2 19 33	155 07	1530	6A	6A			
NAALEHU 14	A	6588	03	KAU	3 19 04	155 35	673	8A	8A			
NAPOOPOO 28	A	6697	04	S KONA	4 19 28	155 55	395		7A			
OOKALA 223		7131	02	N HILO	2 20 01	155 17	430	7A	7A		LAUPAHOEHOE SUGAR CO MRS LORMA TRUMAN BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY PARKER RCH-KAPAPALA DIV MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO	
OPIHIHALE 2 24.1		7166	04	S KONA	4 19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A	7185	02	PUNA	2 19 34	155 00	445		VAR			
PAAUHUA 217		7204	01	HAMAKUA	1 20 05	155 26	415		8A			C
PAAUILO 221		7312	01	HAMAKUA	1 20 03	155 22	800		7A			
PAHALA 21	A	7421	03	KAU	3 19 12	155 29	870	8A	6A			
PAHOA 65		7457	02	PUNA	2 19 30	154 57	670		6A			
PAKAO 37	A	7643	03	KAU	3 19 22	155 28	5000		MO			
PAPAIIKOU 144.1		7711	02	S HILO	2 19 47	155 06	260		7A			
PAPAIIKOU MAUKA 140.1		7721	02	S HILO	2 19 47	155 08	1270		7A			
PIIHONUA 89	A	8051	02	S HILO	2 19 44	155 10	1730		MO		STATE DIV OF FORESTRY JORDAN RAMOS STATE DIVISION OF PARKS KUKAIIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIIAU RANCH CO PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY MRS CAROLYN CARLSON	
POHAKEA 220.6		8058	01	HAWAII	1 20 02	155 25	1760		7A			
POHAKULO 107	A	8063	02	HAMAKUA	2 19 45	155 32	6511		VAR			C
PUU KIHE 120	A	8393	01	HAMAKUA	1 19 54	155 24	7750		MO			
PUU LAU 102.1	A	8452	05	HAMAKUA	5 19 50	155 36	7440		MO			
PUU LEHUA 73	A	8460	04	N KONA	4 19 34	155 49	4880		MO			
PUU MALI 113	A	8515	01	HAMAKUA	1 19 55	155 26	6960		MO			
PUU WAAWAA 94.1	A	8555	05	N KONA	5 19 47	155 51	2520		7A			C
SADDLE ROAD 1 84	A	8590	02	S HILO	2 19 42	155 12	2340		WM			
SOUTH KONA 2.31		8650	03	HAWAII	3 19 06	155 45	2650	8A	8A			
SOUTH POINT CORRAL 3	A	8675	03	KAU	3 18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV KUKAIIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO BOISE CASCADES WA CONST KAHUA RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1 19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1 20 15	155 53	61	8A	8A			
WAIKAKA SCD 88.2		9025	02	S HILO	2 19 40	155 08	1050		7A			
WAIKALOA-BOIS CAS 95.8		9142	04	HAWAII	5 19 56	155 48	900		8A			
WAIKANONOUA 178.6		9350	01	N KOHALA	1 20 08	155 47	3830				C	
CLOSED STATIONS												
ISLAND OF OAHU												
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2 21 16	157 43	30		7A			CLOSED 2/29/76 CLOSED 2/29/76
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1 21 22	157 47	488		7A			
ISLAND OF MAUI												
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1 20 55	156 19	525				C	CLOSED 2/9/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MARCH 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30		8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE
NEW STATIONS												
WESTERN PACIFIC ISL. NORTH OF 12 N												
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- + Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

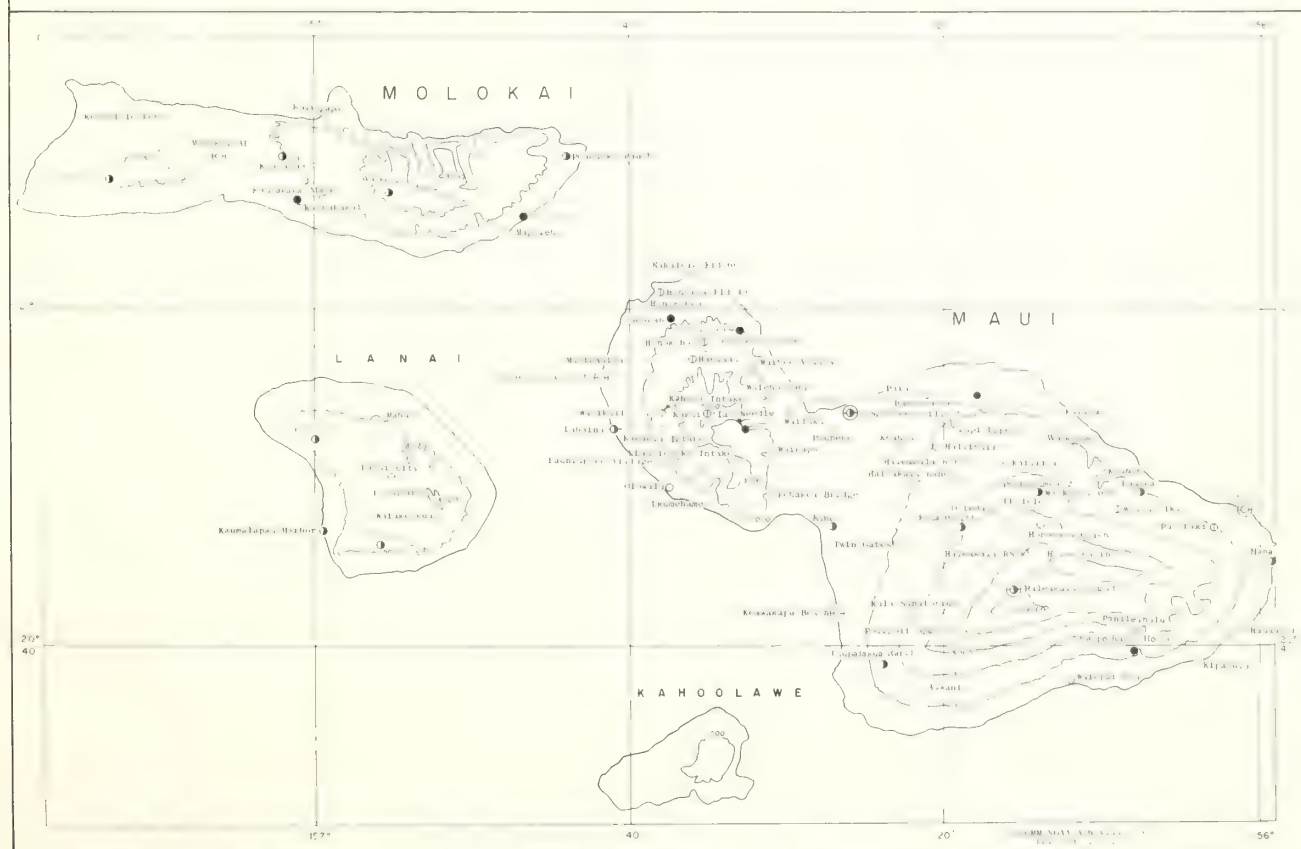
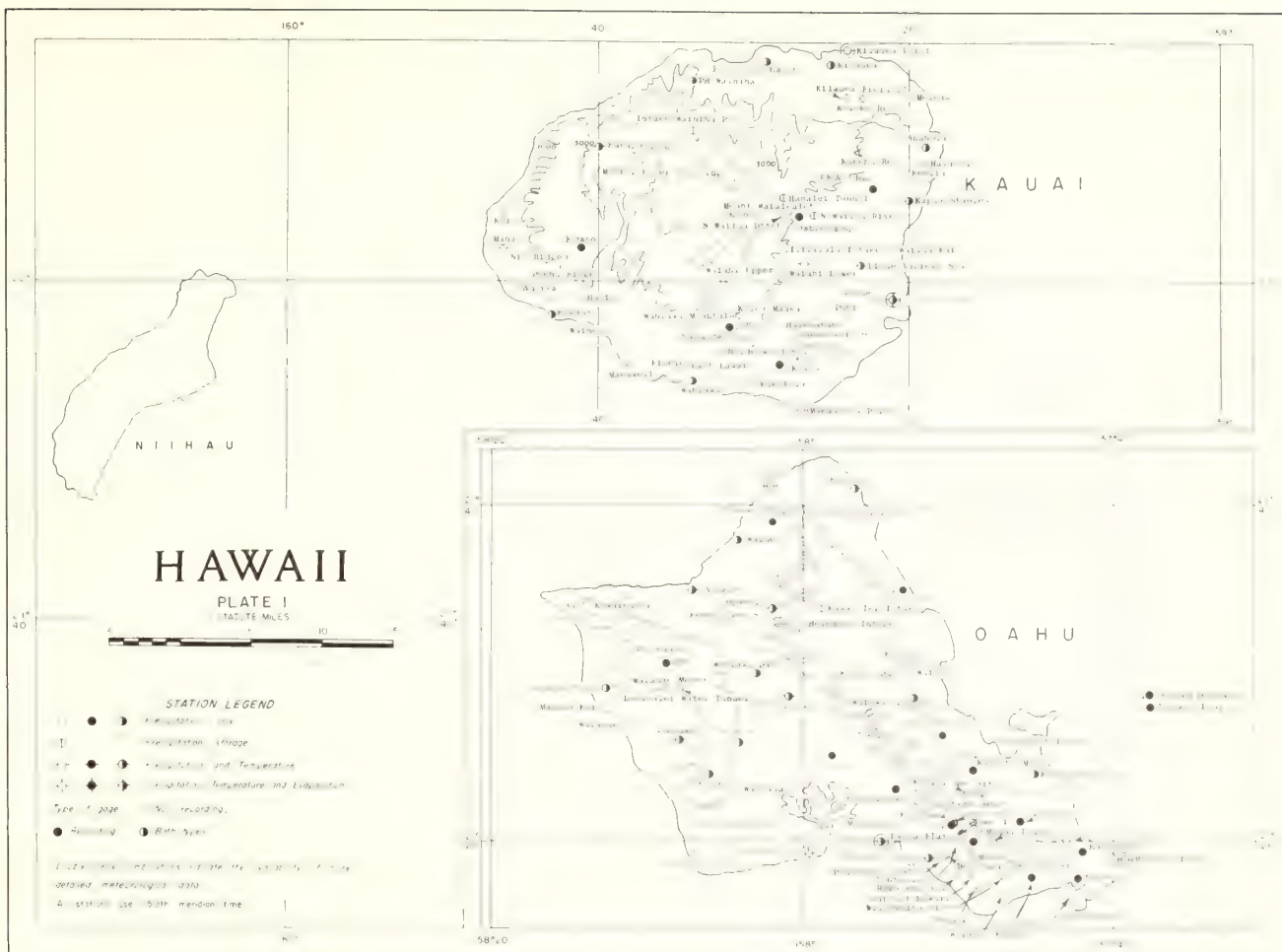
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

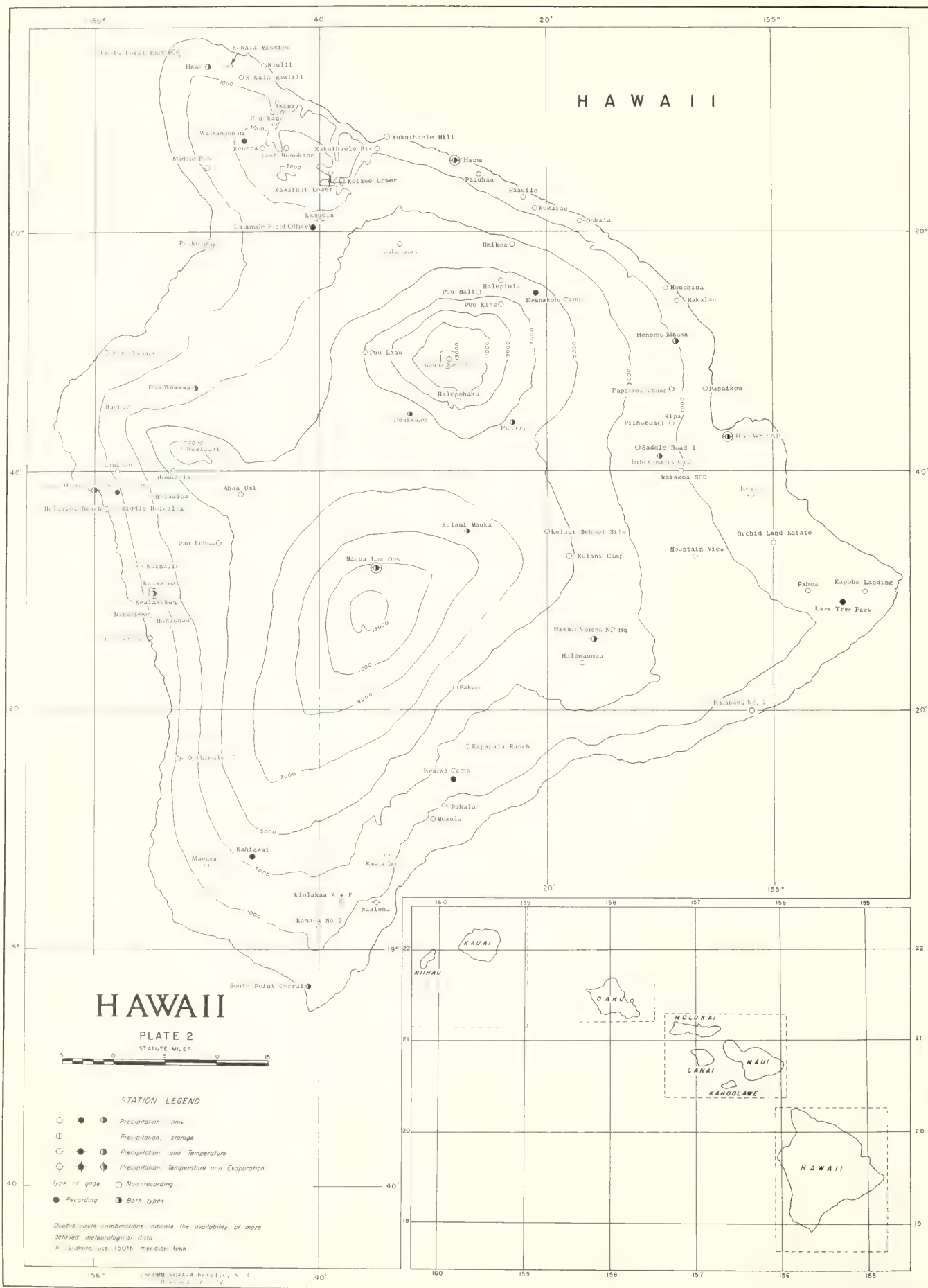
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

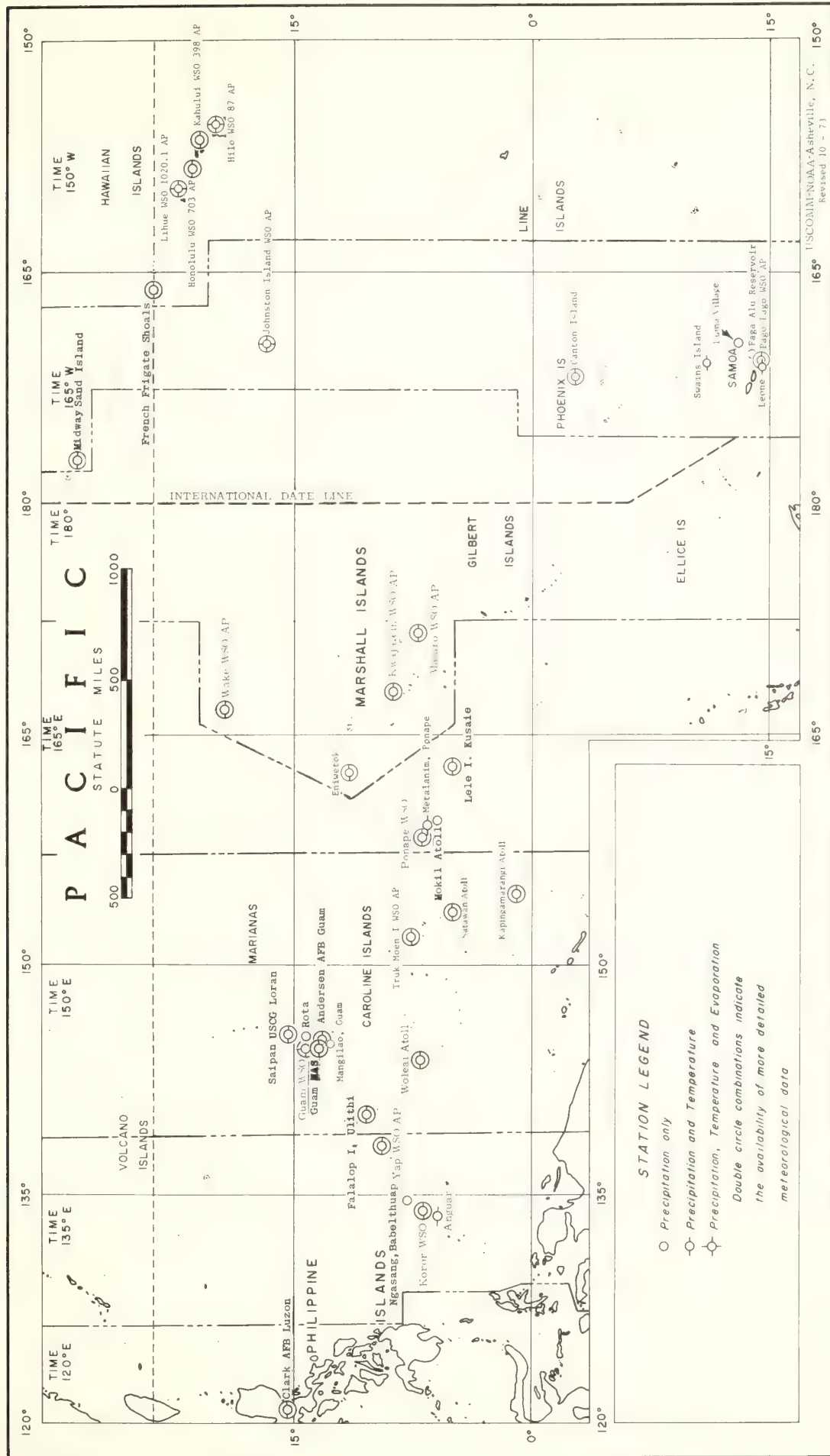
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

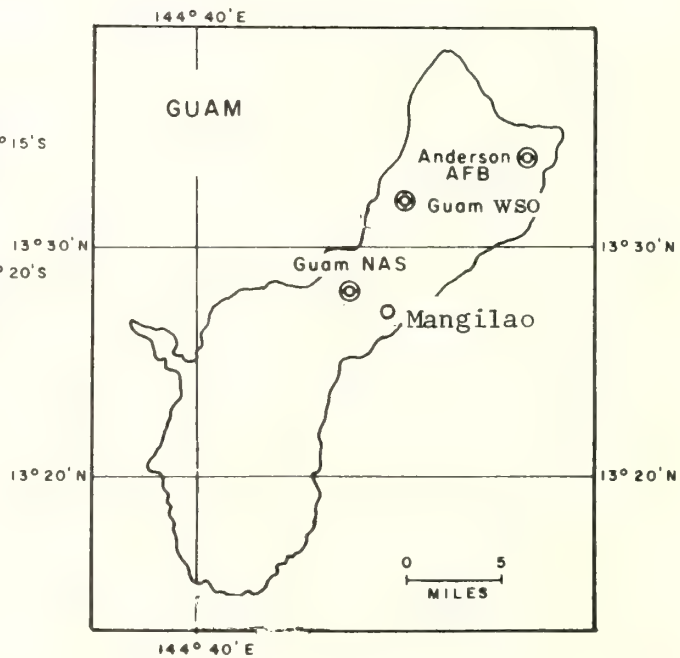
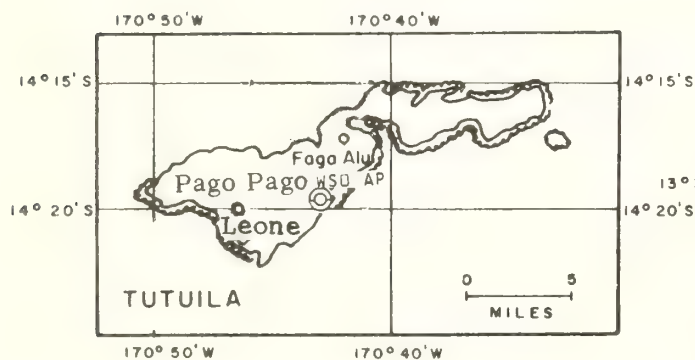
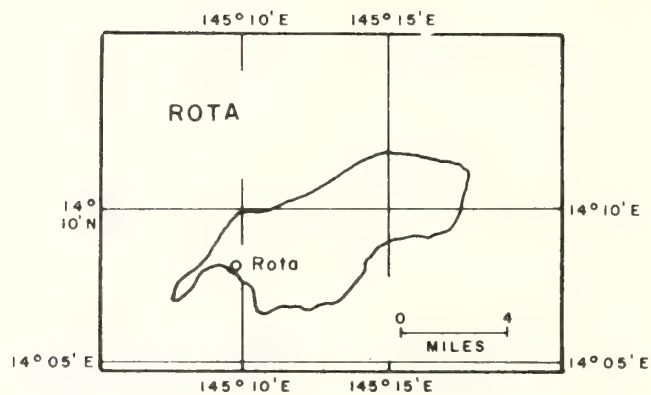
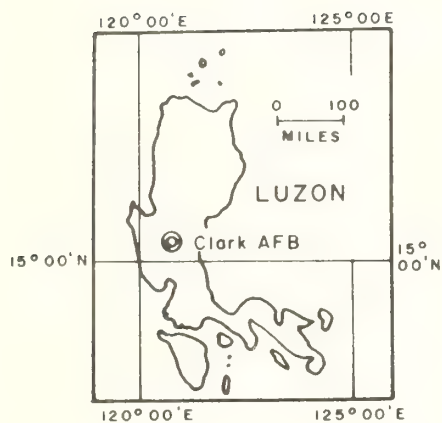
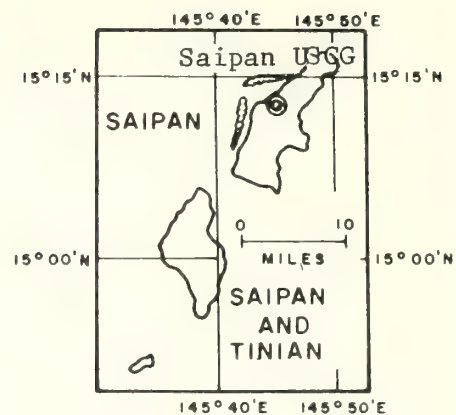
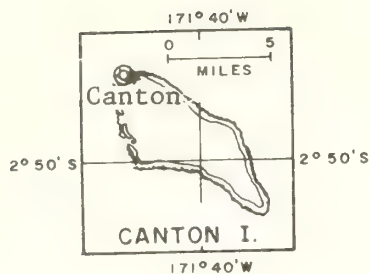
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

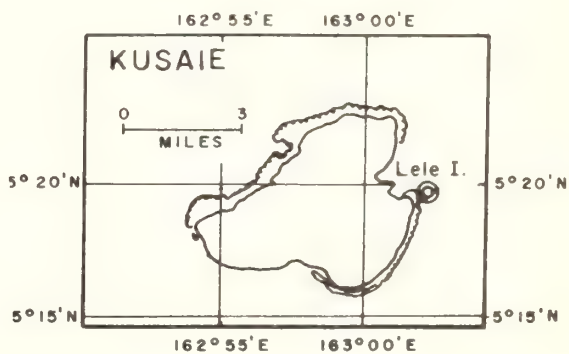
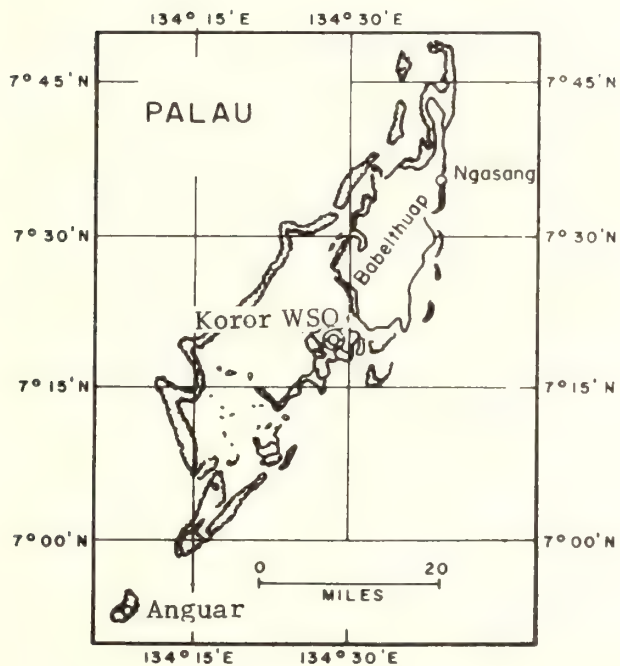
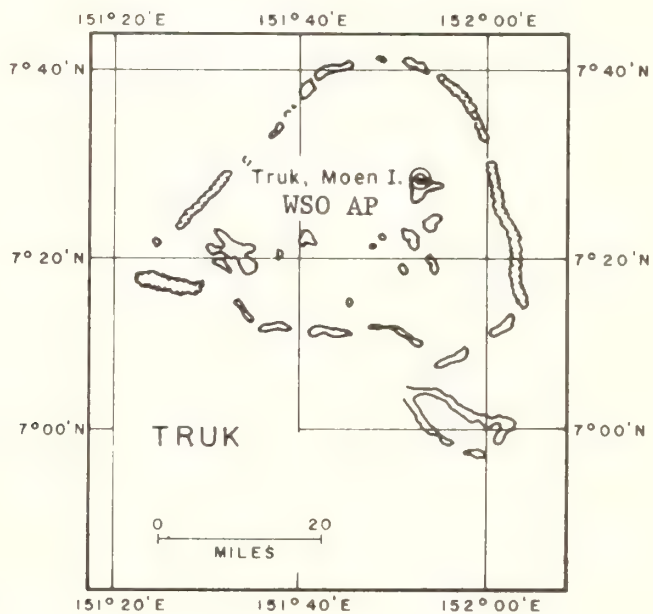
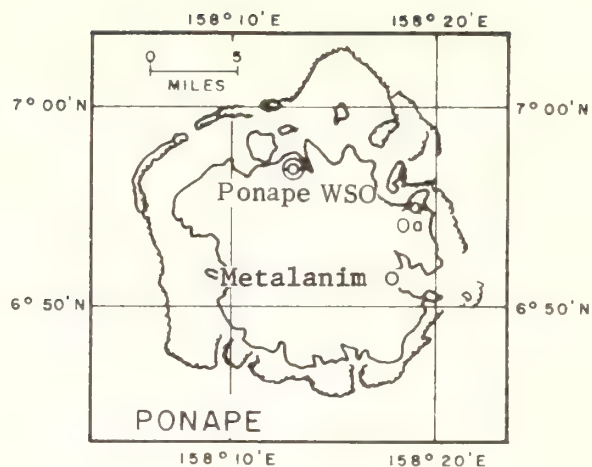
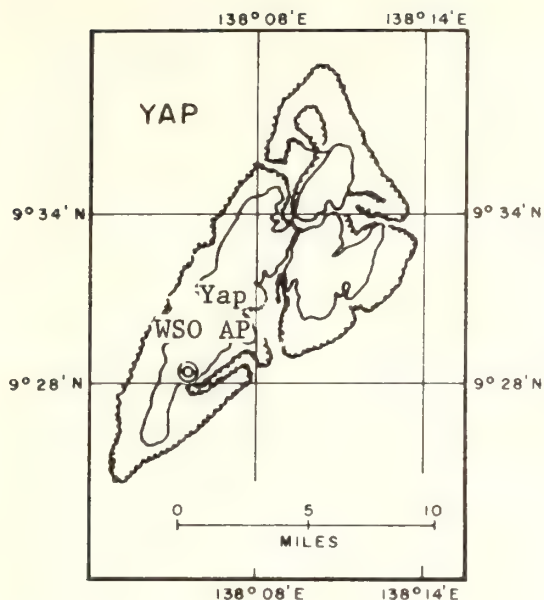




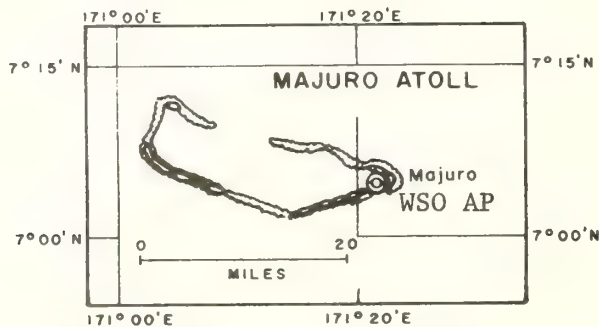
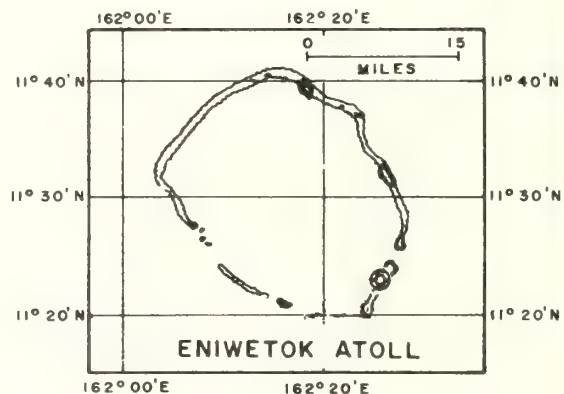
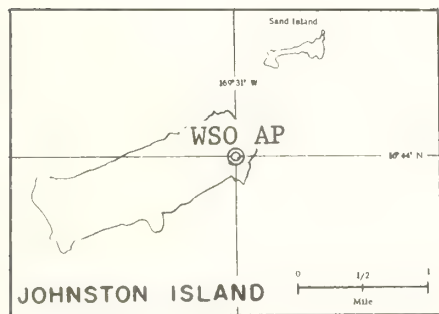
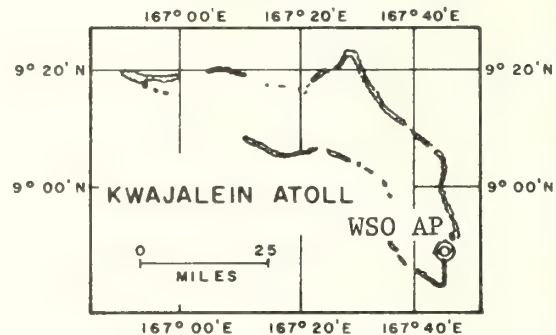
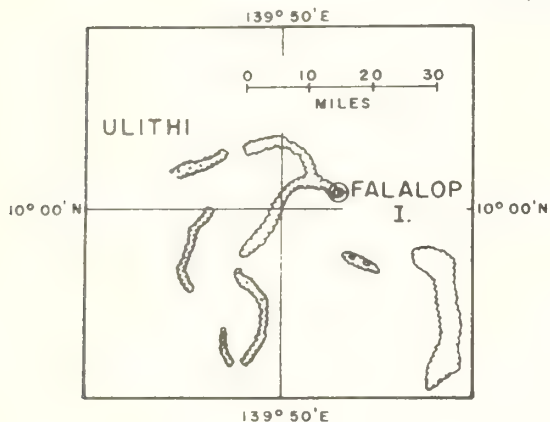
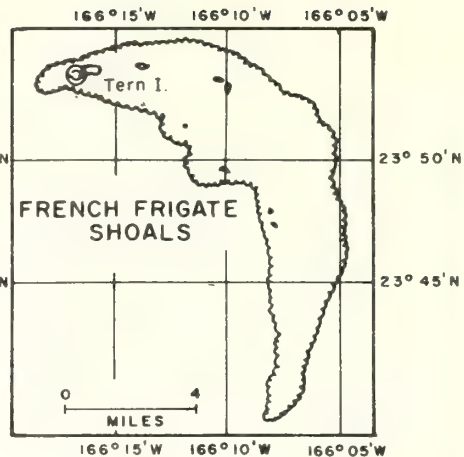
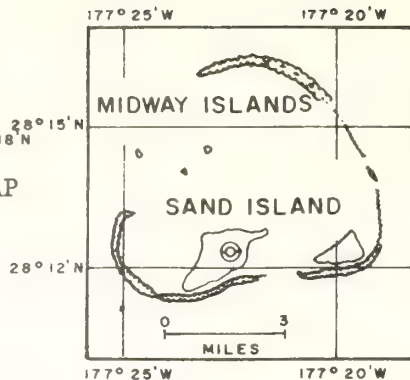
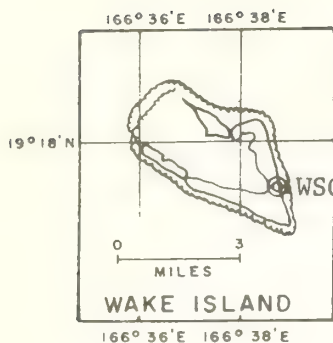




Reef



— Reef



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THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: 3 STATIONS 88 DATE 26+
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 25 DATE 03
 GREATEST TOTAL PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 33.02
 LEAST TOTAL PRECIPITATION: 3 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 5.50 DATE 04

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)					RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSO AP	-	-	-	27	E	04	-	78	76	90	2	13	8	3	0	0	26	72	8.3
HILO, HAWAII, WSO AP	12	0.7	6.7	18	E	12	91	88	73	85	0	6	15	7	2	0	30	40	8.6
HONOLULU, OAHU, WSO AP	6	11.6	12.9	29	NE	20+	70	65	52	64	11	14	1	0	0	0	26	52	6.8
JOHNSTON ISLAND WSO AP	8	18.3	19.1	38	E	03	79	79	72	78	7	12	4	0	0	0	23	81	6.4
KAHULUI, MAUI, WSO AP	5	13.0	14.2	36	E	10	77	75	55	69	3	5	6	0	0	0	14	60	5.9
KOROR WSO AP	2	2.3	10.3	60	SW	08+	87	-	77	74	2	9	3	1	0	3	18	49	8.2
KWAJALEIN WSO AP	8	12.8	13.7	26++	18	25	83	81	76	78	9	3	8	1	1	3	25	-	8.6
LIHUE, KAUAI, WSO AP	7	13.2	14.9	24	NE	04+	77	75	67	76	2	13	10	1	0	0	26	39	7.5
MAJURO WSO AP	8	11.1	11.6	27	E	09	83	87	78	82	2	4	11	4	5	2	28	42	9.4
PAGO PAGO WSO AP	5	4.1	7.9	34	NE	03	88	90	73	82	3	9	6	2	1	2	23	44	7.2
PONAPE WSO AP	-	-	-	19	NE	18	91	-	80	83	1	5	7	10	5	1	29	22	9.7
TRUK,MOEN I., WSO AP	6	6.7	9.2	20	SE	19	85	-	77	77	2	4	9	3	4	2	24	38	9.2
WAKE WSO AP	11	17.0	18.2	36	NE	14	82	83	67	73	9	7	3	1	0	0	20	71	5.1
YAP WSO AP	8	7.5	8.7	27	E	07+	88	-	77	74	1	9	6	4	1	0	21	68	8.2

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS				
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
											30° OR ABOVE	37° OR BELOW	37° OR BELOW	0° OR BELOW											
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A													4.11											
KANALOHULU 1075		65.1	52.4	58.8		70	24*	43	25			0	0	0	0		1.51	1		15	4	1			
KAPAA STABLES 1104	A													4.94											
KILAUEA POINT 1133		76.6	68.0	72.3		81	26	65	1			0	0	0	0		.95	18		13	2	0			
KOLOA 936	A													11.08											
LIHUE WSO 1020.1 AP	//R	78.8	71.4	75.1	- 1.8	81	24	68	25*			0	0	0	0		3.41	.16	.66	18	11	1	0		
MANA 1026		82.8	62.4	72.6	- .3	87	23	59	30*			0	0	0	0		1.19	-.43	.63	4	2	1	0		
N WAILUA DITCH 1051	III													23.86											
PH WAINIHA 1115														19.46		6.88									
PUEHU RIDGE 1040														1.04	- 1.55	.37	4				5	0	0		
WAIHANA 930	A													5.17	2.49	1.64	1					1			
WAIHAI LOWER 1054		75.4	62.4	68.9		78	26*	57	26			0	0	0	0		15.70	6.38	1.70	10	25	12	5		
WAIKAE 947														.47	- 1.22	.15	1				1	0	0		
ISLAND				69.5										7.81											
ISLAND OF OAHU																									
ALOHA STADIUM-HALAWA		79.5M	66.2M	72.9M		86	30	63	26			0	0	0	0		3.86		.80	27		1	0		
B Y U LAIE 903.1		79.1	68.0	73.6		81	28*	63	26*			0	0	0	0		5.85		2.00	17		14	1	1	
HONOLULU OBSERV 702.2														.73					.23	19		3	0	0	
HONOLULU WSO 703 AP	R	81.8	68.4	75.1	- .3	85	25*	63	26			0	0	0	0		.71	-.65	.13	17		1	0	0	
KANEONE MAUKA 781		76.0	67.0	71.5	- 1.1	81	27	62	7			0	0	0	0		11.39	5.13	2.80	18		18	7	2	
KOOLAU DAM 833	A													24.71		4.50	22					23	16	9	
LUALUAEI 804	II	80.2	66.7	73.5		88	5	58	26			0	0	0	0		1.22		.45	28			0	0	
MANDA LYON ARBORETUM		73.6	61.4	67.5		82	27	58	25			0	0	0	0		19.72		3.45	9		24	15	7	
NUUANU RES 4 783														15.92		2.76	16					23	10	5	
OPAEULA 870	A	75.3	63.6	69.5	1.4	82	26	61	28			0	0	0	0		8.30		1.50	29				2	
PALOALO VALLEY 718	P													15.14	3.33	3.36	8					23	9	4	
PRI WAIHANA 820.2	A	78.2M	51.5M	64.9M		83	16	49	9			0	0	0	0		4.36		1.34	1			1	1	
WAIHANA DAM 863	A													3.11		.63	1							0	
WAIKOLE 837	A													15.06											
WAIKOLE 896.3		77.6M	67.0M	72.3M		85	17	65	26*			0	0	0	0		4.21		.59	19				0	
WAILUA 847	A	78.7	63.3	71.0	- .5	84	16	59	27			0	0	0	0		2.05	-.27	.64	29			7	1	0
WAIKIKI 717.2		82.8M	66.5M	74.7M		86	28*	61	26			0	0	0	0		1.63		.55	18			6	1	0
WAIMANALO EXP FARM		78.1	67.4	72.8		81	27	63	26			0	0	0	0		2.43		.66	17			7	1	0
WAIKAKU 750	A													1.16					.21	29					0
ISLAND				71.6										7.45											
ISLAND OF MOLOKAI																									
KUALAPUU 534	A													3.40										0	0
MAUNALO 511	A													1.62										0	0
MOLOKAI AP 524																									
ISLAND				.0										2.51											
ISLAND OF LANAI																									
LANAI CITY 672	A	M	M	M				61	26*			0	0	0	0		1.82	- 1.47							
ISLAND				.0										1.82											
ISLAND OF MAUI																									
HALEAKALA B E S 434	A	58.5	40.7	49.6	- 2.6	69	15	36	27*			0	0	0	0		9.57		1.31	1			18	7	3
HALEAKALA RS 338		77.6M	66.2M	71.9M		80	28*	60	11			0	0	0	0		4.50	.47	.95	1			10	5	0
MANA AIRPORT 355												0	0	0	0		6.51		.96	9			15	4	0
HONOKOHUA 493	III	78.9	65.2	72.1		83	28	61	26			0	0	0	0		1.69		.37	1				0	0
KAAHAPALI AP 453.1														.94					.27	29			3	0	0
KAHULUI WSO 398 AP	R	81.9	66.5	74.2	.4	87	16	59	26			0	0	0	0		.98	-.27	.20	2			6	0	0
KAILUA 446		74.7M	64.1M	69.4M	.2			60	29			0	0	0	0		12.22	.51	2.20	30					
KERAE 346	A													20.80											
KIPAHULU 258														9.98	2.65	2.65	26						18	7	1
KULA SANATORIUM 267		70.2	54.2	62.2	.1	74	27*	51	6*			0	0	0	0		.24	- 2.74	.06	17			0	0	0
LAHAINA 361		83.2	65.4	74.3	1.0	88	26	62	5			0	0	0	0		1	-.93	1	2			0	0	0
PAIA 406														2.29	-.43	.44	1						6	0	0
WAILUKU 386	A	77.8M	66.3M	72.1M	- .9	83	19	64	26			0	0	0	0		1.06	- 1.35	.26	29			5	0	0
ISLAND				68.2										5.44											
ISLAND OF HAWAII																									
HAWAII VOLCNS NP HQ 54	R	63.6	49.5	56.6	- 2.4	72	29	46	7*			0	0	0	0		13.91	3.81	1.96	19			21	11	3
HILO WSO 87 AP		78.4	65.8	72.1	- .1	81	26*	61	2			0	0	0	0		11.58	- 1.30	1.06	22			24	9	2
HUEHUE 92.1	A													2.67											
KAINALU 73.2		73.4	58.4	65.9		77	2	55	5			0	0	0	0		6.64		.75						
KERUU 92		76.4	62.4	69.4		80	27	59	3			0	0	0	0		16.67		2.10	1			27	13	7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1976

STATION	TEMPERATURE											PRECIPITATION											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
										MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
										25° OR ABOVE	32° OR ABOVE	37° OR ABOVE	41° OR ABOVE										
HAWAII																							
KONA (KAULUA) 68.3	A	M	M	M						0	0	0	0	1.98				.0	0				
KUKUIHALE HIC 199										0	0	0	0	8.41	.24	1.34	10	.0	0		15	6	2
KULANI CAMP 79										0	0	0	0	14.29		2.00	1	.0	0		23	9	3
PAHALA 21	A	77.1M	60.2M	68.7M	- 1.2	80	6	57	7+	0	0	0	0	2.14		.79	19	.0	0		5	2	0
POHAKULOA 107	A									0	0	0	0	.20				.0	0			0	0
PUU WAHAA 94.1	A													2.21				.0	0				
SOUTH KONA 2.31																		.0	0				
UNIKOA 118																		.0	0				
WAIKAKA SCD 88.2														26.45		4.97	1	.0	0		26	17	9
ISLAND			64.2											8.93				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
											MAX.	MIN.	32° OR ABOVE	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	.50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
APRIL 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1976

STATION	TOTAL	DAY OF MONTH																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
HAWAII																																					
KEONELE, E PENS 55	A	1.83								1.38											.46																
KALAPAPU 534	A	3.40								.23	.27	.14									.78	.02	.01	.13	.02			.08			.32	.75					
MAUNALOHA 511	A	1.62	.02	.18						.06	.14	.07									.43			.06	.10							.43	.15				
MOLOKAI AP 524	A																																				
PUEO O HOKU RANCH 542.1	A	2.76	.19	.09	.04					.09	.23	.14	.14			.01		.01					.17	.05	.05	.04	.17	.11	.12		.07		.91	.09			
WAIKOLU 540	A	13.00	3.22	.12	.29					1.78						2.53																					
ISLAND OF LANAI																																					
KANEPUU 690	A	.80																																			
KALPAHAPU HARBOR 656	A	.64																			.64			.90													
LANAI AIRPORT 656	A																																				
LANAI CITY 672	A	1.82					.01			.01	.03	.30				.01					1.03			.02	.01			.01			.10	.21					
LANAIHALE 684	A	1.20																						1.20													
MAHANA 694	A	.15																																			
MALUUA 676	A	.55																							.15												
WAIKAEKUA 685	A	.61																			.28												.33				
ISLAND OF MAUI																																					
AUWAHI 252	A	.50																																			
HALEKALALA S E 5 434	A	9.57	1.31	.72	.52		.53	.24	.38		.30	.01	1.23		.44	.01					.05	.24	.04		.26	.11	.48		1.10	.25	.53	.01	.34	.47			
HALEKALALA RANCH 432	A	3.75	.56	.35				.37	.20		.09		.46								.43				.58				.37		.22	.12					
HALEKALALA RS 338	A	4.50	.95	.60	.04		.56	.16	.07			.51																				.03	.13				
HALEKALALA SUMMIT 338.4	A																																				
MAUI HAWAII																																					
HALEIPIA 423	A	4.23	.75	.18	.20		.14	.06	.12		.08	.10	.55		.08	.03			.05	.02																	
HANA 354	A	4.30	.07	.35	.04						.26	.05	.34			.11	.02	.04	.02		.49	.14		.02	.11		.08	.24	.44	.36	.08	.04	.40	.38			
HANA AIRPORT 355	A	6.51	.25	.06	.06		.39	.10	.06		.22	.06	.96			.07	.09	.06	.05	.08		.05	.61	.27	.28	.04	.03	.17	.14	.31	.45	.20	.06	.01	.63	.74	
HANAHULI 281	A		.02	.12	.29		.05	.02	.15		.02	.48	.10		.20	.04	.05	.03	.15	.27		.56	.73	.32	.12	.14	.48	.12									
HOLUA CABIN 259.5	A	5.75									4.10					.55																		1.10			
HONOKAHU 480	A	12.20																																12.20			
HONOKAHU 483	A	1.68	.37	.02				.21	.03		.05	.05	.13								.10	.02	.02	.01	.01				.22	.05	.04	.20					
HONOHONO GULCH 341	A	6.00																																6.00			
KANAPALI AP 453.1	A	.94	.08	.15	.02		.02				.09	.03	.08								.12	T	.01	.03	.01	.03	T					.27	T				
KAHOMA INTAKE 374	A	14.00																																14.00			
KAHULUI WSO 388 AP	A	.98	.11	.20	.02		.02	.03			.18																					.02	.10	.13			
KAILILI 436	A	12.22	1.75	.10				1.37	.07		.14	.13	1.45				.53	.10	.09	.18																	
KAILUA 446	A	4.27						2.05								1.05																					
KALUA INTAKE 375	A																																				
KEAHUA 410	A	.95	.15	.15	.04		T	.02	.01			.18																					.07	.06			
KEANAE 346	A	20.80																																20.80			
KEAHUA BEACH 260.2	A	.02																																			
KIHEI 311	A																																				
KIPAHULU 258	A	9.88	.79	.10			.32				.09		.43				.42	.08		.10				.30	.52	.50	.37	.26	.24	.64	.60	.40	2.65	.69	.06	T	.42
KULA HEIGHTS 323.2	A	.34	.05				.06																														
KULA SANATORIUM 267	A	.24	.04		.01																																
LAHAINA 361	A	4.20																																			
LAUNIPUO INTAKE 376	A	4.20																																			
LAUNIPUO VILLAGE 372	A	.00																																			
LUPU UPPER 442	A	13.20																																	13.20		
MAHAKAHU 466	A	3.99	.90	.26	.40			.20	.06		.15	.02	.70		.13	.02																		.38			
MAKALELE FIELD 60 497	A	3.77						.84																											1.50		
OLINDA 332	A	10.70									4.95																										
OLUWALA 296	A	.00																																			
PAKAA 350	A	20.50	1.50	.44	.51		.67	1.09	.30		.57	.27	3.00		.38	.32	1.14		.57	.43	.28		.05	.89	.51	1.05	.24	.16	.27	.58	.80	.54	.02	.27	.23	.92	2.50
PAIA 406	A	2.29	.44	.17	.22		.06	.08	.07		.02	.02	.35		.01	T	T																	.08	.20		
PANALEHUA 259.2	A	10.20																																		10.20	
POHAKA BRIDGE 307.2	A	.11																																		.11	
POLIPOLI SPRINGS 267.2	A	1.27																																		1.27	
PUNOHAKA 2 343	A																																				
PUNENE 396	A	.54	.03	.16	T		.02				.13																								.06	.05	
SPRACKELSVILLE 400.2	A	1.46	.20	.24	.16		.03	.03	.03		.30	T																									

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KOHALA MISSION 75.1	A	5.12	.49	.09	.10	.25	.07	.03	.01	.42	.56	.04	.03	.10	.02	.03	.08	.04		.14	.04	.03	1.46	.14	.63	.02	T					.30
KOHAHE LOWER 196	A	10.58	x	4.54	x	x	x	x	x	1.40	x	x	x	x	x	x	.51	x	x	x	x	x	1.83	x	x	x	x	x	x	x	x	2.30
KONA (KAILUA) 68.3	A	1.98				x	.09			.04							.05	x	x		.16	.57	.01									1.06
KONA VILLAGE 93.8	A	.14	.12												.02																	
KURAIU 222	A	13.27	2.15	.27	.12	2.59	.17	.22	.03	.03	.38	2.89	.03	.04							T	.21	.48	.61	.93	.24	T					1.88
KUKUIHALE HIC 199	A	8.41	.95	.21	.36	1.33	.15	.33	.05	.14	1.34	.34					.03	x	x				.74	.15	.72	.28	.03			.02	.33	.91
KUKUIHALE HILL 206	A	5.26	.85	.11	x	x	1.09	.05	.01	.07	x	x	.49				x	x	x		.03	.02	.42	.27	.67	x	x	.20		.15	.83	
KULANI CAMP 70	A	14.29	2.00	.18	.04	1.90	.17	.13	.04	.46	.50	.30	.30	.27	.05	.10	.21	.98	.63	1.84	.35	.80	.21	.99	.30		.79	.22	.03		.40	
KULANI MAUKA 76	A	2.99	.03	.02	.35	.30								.02	x	x	x	1.35	x	x	x	.07	.20	.20	.32		.70	.22		.16	.25	
KULANI SCHOOL SITE 78	A	9.95	x	x	3.10	x	x	x	x	x	3.30	x	x	x	x	x	x	1.35	x	x	x	x	x	x	x	x	x	x	x	x	x	
LANIHAU 88.2	A	9.28	.18		.08	.06					.31	.12	.08	.35		.25					1.20	.64	.43	.16	.76	.12	1.50	.02	.26		.02	
MAKAHAU 103	A	1.63	.10	.15	x	.35											x	x	x		.39			.20	x	x	.04				.40	
MAUKA 2	A	6.12	.20	x	x	.80			T	x	.07	T				T	x	x	x	x	.50	.70	.12	.30	.10	x	x	.70	1.90	.10	1.00	.10
MAUNA KEA OBS 111.2	A	.11																									.03	.01				
MAUNA LOA SLOPE OBS	A	.82	.04		.06					.03	.26								.03	.10							.17	.13				
MIDDLE MAUNA LOA 68.1	A	3.71	x	x	x	x	.47	x	x	x	x	x	x	.02	x	x	x	x	x	x	2.00	x	x	x	x	x	x	1.22	x	x	x	
MIDDLE PEM 147.1	A	.57							x	x	x	x	x	x	x	x	.34	x	x	x	.23	x	x	x	x	x	x	x	x	x	x	
MOAUA 18	A	2.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.20	
MOUNTAIN VIEW 81	A	26.97	.10	T	1.10	.74	T	.03	T	.05	.04	T	.02	.02	.01		.14	T	.09	.10	.01	.14	.01	T	.07	T	.18	.60	.22	.11	.08	.53
ORCHID LAND EST 91.5																																
PARAHU 217	A	23.81	x	7.55	x	x	x	x	x	x	4.46	x	x	x	x	x	1.72	x	x	x	x	x	x	5.88	x	x	x	x	x	x	x	4.20
PARAHU 217	A	7.54	1.97	.13	.22	1.63	.12	.12		.12	1.02										.05	.41	.35	.46	.18					.04	.72	
PARAU 221	A	11.33	2.10	.21	.12	2.43	.08	.25	.02	.02	.32	2.43	.02	.02	T						T	.10	.39	.47	.85	.20					1.30	
PAHALA 21	A	2.14	.14														.02	.07	.14		.79			.01							T	
PAHALA 65	A	14.55	1.90	.48	.70	1.23	.12	.15		.15	.74	.31	.28	.37	.11	.11	.12	.30	.43	1.27	.32	.47	.28	.84	1.26	.43	.06	.74	.08	.21		.89
PAHALA 37	A	22.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	22.30
PAPAIAU 144.1	A	14.49	1.67	.07	x	x	1.23	.07		.04	.79	x	x	1.90	.37	.07	.11	x	x	x	1.98	1.13	.22	1.17	.42	x	x	1.02	.33	.01		1.89
PAPAIAU MAUKA 140.1	A	22.69	2.73	.07	x	x	2.70	.48	.06	.07	1.11	x	x	2.75	.85	.15	.46	x	x	x	3.07	1.33	.44	1.45	1.20	x	x	1.26	.42	.02	.10	1.97
PIHONUA 89	A	30.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	30.10	
POHAKEA 220.6	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POHAKEA 107	A	.20	x	.20																												
PUU KINE 120	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU LAU 102.1	A	2.42	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.42
PUU LEHUA 73	A	1.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.50
PUU MAHI 113	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU MAWAHA 94.1	A	2.21	.12	x	x	.02	x										x	x	x	x	2.01	.01	.03							.02		
SADDLE ROAD 1.84	A	52.06	21.15	x	x	x	x	x	x	8.72	x	x	x	x	x	7.50	x	x	x	x	x	x	x	x	12.50	x	x	x	x	x	x	2.19
SOUTH KONA 2.31	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH POINT CORRAL 3	A	1.60	x	.25	x	x	x	x	x	x	.01	x	x	x	x	x	.67	x	x	x	x	x	x	x	x	.67	x	x	x	x	x	x
UPIKOA 118	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPOLU POINT USCG 159.2	A	1.91	.07	.04	.05	.08	.02				.14	.12	.04	.01	.01	.15	.03			T	.07	.03	.65	.17	.18					.05	T	
WAIKAKA SCD 88.2	A	26.45	4.97	.60	.64	3.51	.52	.21	.01	.29	1.03	1.48	.19	.47	.80	.05	.36	.32	.70	1.15	1.26	.89	.89	1.28	1.68	.49	.22	.71	.38	.06		1.20
WAIKAKA-BOIS CAS 95.8	A	.50													.03	T					.40											

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * *																																
EAST OF 180TH																																
MERIDIAN																																
CANTON ISLAND	1.21	-	-	-	*	.12	-	-	-	.12	.04	.02	*	.01	.03	.45	.14	.04	*	.17	-	-	.02	-	-	-	-	-	-	-	-	.05
FAGA ALU RESERVOIR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALEASAO VILLAGE	13.50	.62	-	-	.04	.35	.02	-	-	-	-	-	-	.01	.04	-	.09	-	-	.06	-	.28	-	-	-	1.15	.39	4.42	4.48	.34	1.20	
JOHNSTON WSO AP	1.18	.03	.03	T	.02	.01	.02	.01	.10	.28	T	.01	T	-	.11	-	-	.08	.33	.01	.03	-	T	.09	T	.02	-	-	-	T	T	
LEONE	10.95	.32	.07	-	.04	.27	.01	.86	-	-	-	-	-	-	.03	.02	.03	-	.02	-	.84	1.09	.23	.07	1.52	.20	1.48	2.30	1.24	.31		
FRENCH FRIGATE SHOALS	1.98	.08	.01	.13	.01	.11	.06	.06	.02	-	.02	.14	.08	-	.51	.03	.12	.03	.13	.10	T	.01	.02	.06	-	.01	.01	.14	.03	.06		
MIDWAY SAND ISLAND	1.03	T	-	-	.03	.09	.02	.02	-	.03	.13	-	.63	.55	.23	.10	T	-	-	T	T	-	.03	T	.03	-	.15	.04	.06	-	-	
PAGO PAGO WSO AP	10.31	.42	.02	.15	T	.02	.02	-	.03	.13	-	.48	-	-	-	-	-	.04	.04	.08	.34	.08	.98	T	-	1.80	.09	2.16	2.17	.37	.89	
SWAIN ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * *																																
WESTERN PACIFIC ISL.																																
NORTH OF 12 N																																
ANDERSEN AFB GUAM	4.68	.03	.08	.03	.04	.07	T	1.15	.42	.18	-	-	-	T	.01	.01	.05	.27	.77	-	.05	T	.22	.64	.02	.02	-	.02	.40	.10	.10	
CLARK AFB LUZON	.59	-	-	-	-	-	T	.56	.01	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	T	.02	T	-	-	-	
GUAM HAS	3.99	-	T	.09	.06	.17	.13	1.29	.78	.12	.05	-	-	T	T	-	.08	.21	.30	.26	T	.01	.26	-	T	.01	.15	.02	T	-	-	
GUAM WSO	4.37	.02	.10	.07	.06	.44	.09	.57	.59	.11	-	.01	-	T	.01	.03	.37	.59	-	.05	.03	.30	.38	.03	.08	T	.01	.24	.14	.05		
MANGILAB	6.59	1.79	.15	-	.05	.15	.12	.27	1.90	.48	.05	.03	-	-	-	.03	-	.35	.08	.32	.05	.02	.03	.38	.13	-	.01	.13	.12	-	-	
ROTA																																
SAIPAN USCG	2.71	-	.32	.05	.02	.33	.02	-	.02	-	-	-	-	-	.04	.02	.01	.26	.05	.13	.04	.04	.10	.18	.13	.08	.08	-	-	.63	.11	.05
WAKE WSO AP	1.53	T	T	-	.27	.07	T	T	-	.05	T	.01	T	-	.22	T	T	-	-	-	.01	.09	.05	.12	.09	-	-	-	.55	T		
* * *																																
CAROLINE AND																																
MARSHALL ISLANDS																																
ANGUAB	21.66	.10	-	-	-	.85	*	16.10	*	.70	*	*	*	*	*	.26	-	-	.77	-	.11	.80	.70	.23	-	.27	-	.77	-	-	-	
ENISETAK	6.31	-	-	.64	.99	-	-	-	-	-	.07	.02	-	.01	-	-	-	-	-	-	-	-	.03	-	.42	1.80	1.04	1.29	-	-	-	
FALALOP I. ULITHI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAPINGMARANGI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOROR WSO	20.09	.09	.06	-	.03	T	2.74	12.04	3.76	.02	-	-	-	-	-	.69	.01	.19	.08	.05	.02	-	.10	.01	T	-	-	-	.20	-	-	
KURJALEIN MISSILE RM	12.31	-	.06	3.14	.21	.18	T	.03	T	T	.01	T	T	.21	2.51	.42	T	-	T	.22	1.08	T	-	.16	.64	3.16	.10	T	T	.18		
LELE I. KUSAE	21.01	.21	.18	1.36	.05	.21	2.35	.99	.02	-	.31	.38	.02	.18	.03	1.08	.09	.56	1.98	1.84	1.62	2.90	.18	2.86	*	1.91	T	T	.02	.08		
MAJURO WSO AP	19.41	.44	1.57	3.03	.32	.60	1.69	.01	1.39	.41	.44	.14	.14	.04	.52	1.17	.11	.59	.37	.58	3.60	.03	1.39	.17	.29	-	T	T	.32	-	-	
METALANM	25.04	-	1.98	-	-	-	-	.75	-	-	1.70	2.07	1.17	-	-	.53	.10	.68	.51	.50	2.35	5.35	3.40	.60	.45	.25	1.65	.15	-	-	-	
MOULI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NGASANG-BABELTHUAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PONAPE WSO	20.18	.75	.48	.08	T	.09	1.80	.01	.57	.58	1.17	.26	.96	.05	.16	.08	1.09	.15	1.22	.89	1.03	.78	4.22	.78	.21	.88	.57	.11	.34	.87	-	
SATAWAN ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TAKU. MOEN I. WSO AP	17.80	.39	4.18	.52	1.46	.34	.03	1.23	.16	.06	1.24	.19	T	.98	.03	-	.21	.77	.09	2.95	.45	1.96	.13	-	-	-	-	-	.13	.29		
MOLEAI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YAP WSO AP	8.77	.48	.80	.18	.98	.78	.90	.24	-	-	-	-	-	.01	.02	.05	.02	.04	.35	-	-	.03	.09	.08	.02	T	.18	1.33	-	.18		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
APRIL 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	62 52	62 50	65 57	61 55	61 52	58 51	60 51	60 51	65 53	65 54	67 53	67 55	66 57	70 54	67 47	68 48	70 47	68 52	68 54	66 54	67 53	66 53	65 57	70 52	65 43	66 55	65 55	64 55	66 52	63 50	65.1 52.4	
KILAUEA POINT 1133	MAX MIN	73 65	78 68	74 67	77 68	77 66	76 67	76 69	77 68	73 67	75 67	74 67	74 68	75 71	77 70	77 71	79 71	77 68	80 58	76 69	78 67	77 68	77 69	75 69	78 68	81 69	79 67	77 66	76 67	78 68	76.6 68.0		
KOLOA LN (MAK) 940.1	MAX MIN	78 66	78 64	76 58	78 69	78 62	79 61	78 60	77 60	77 65	78 65	78 65	84 69	84 69	78 66	80 68	84 69	84 66	83 66	84 65	80 68	79 68	79 70	80 67	80 68	80 66	86 68	83 67	81 66	79 67	80.1 66.1		
LIMUE WSO 1020.1 AP	MAX MIN	78 71	75 69	80 70	78 72	78 71	78 68	78 71	76 71	78 71	77 71	77 72	78 71	78 74	77 75	80 73	80 68	80 73	80 68	80 74	80 74	79 74	81 71	81 72	78 72	80 68	79 72	79 71	80 70	80 73	78.8 71.4		
MAKAHUEA-KAUAI 940.1	MAX MIN																																
MANA 1026	MAX MIN	79 60	85 61	80 62	79 59	83 60	83 61	80 61	82 63	81 64	82 63	81 65	86 66	80 67	81 64	84 62	84 62	84 62	82 62	82 64	86 62	84 60	83 62	87 64	85 61	83 62	82 61	85 65	85 65	83 62	84 59	82.8 62.4	
NIU RIDGE 1035	MAX MIN	75 60	78 57	79 58	78 59	76 60	78 61	75 60	78 61	76 61	76 60	80 61	80 62	78 64	79 62	80 62	80 60	81 63	80 62	80 61	79 60	79 60	81 62	81 61	79 60	80 59	81 63	81 62	78 61	79 59	80 62	78.7 60.7	
WAIKAI LOWER 1054	MAX MIN	75 63	73 64	75 63	74 62	74 63	74 62	75 61	73 62	73 62	75 64	73 65	73 65	73 61	74 66	78 64	78 64	78 59	78 61	77 65	76 64	75 62	76 65	77 62	78 59	78 65	77 62	77 57	74 64	73 62	76 62	75.4 62.4	
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN	76 67	82 65		75 65	78 67	75 65	79 67	78 68		78 66	80 67	80 66	80 67	79 67				80 66	80 65	79 56	80 67	80 69			85 63	80 64	81 66	79 67	86 67	79.5 66.2		
B Y U LAIE 903.1	MAX MIN	78 68	79 66	78 66	80 65	80 63	79 68	79 65	75 67	76 68	77 72	79 70	79 71	81 71	80 66	80 71	80 66	80 67	80 70	81 70	80 69	80 68	80 67	79 68	80 68	79 65	80 63	81 67	81 67	75 67	79 68	79.1 68.0	
EWB PLANTATION 741	MAX MIN	80 66	79 65		81 64	80 66	79 64	78 64	74 65		80 67	81 68	80 64	82 64					84 63	82 67	81 66	82 66	82 65			85 60	83 61	84 65	82 66	79 64	80.9 65.0		
HONOLULU WSO 703 AP	MAX MIN	82 69	78 67	82 68	80 69	83 69	81 68	81 67	78 69	82 69	80 71	81 71	82 72	81 69	83 72	85 66	80 66	83 70	84 70	83 70	83 69	81 69	82 68	82 68	85 64	82 63	84 65	81 67	82 69	82 68	81.8 68.4		
HONOLULU SUBSTA 704	MAX MIN	74 67	74 66	76 67	76 68	75 69	74 68		76 66	75 66	77 67	77 68	78 68	77 65	80 66	79 69	78 68	78 69	79 72	78 70	78 69	77 68	76 67	77 67	80 67	80 67	79 67	76 68	75 67	76 67	76.9 67.5		
KANEHE MAUKA 781	MAX MIN	75 68	75 65	76 65	76 68	76 68	76 68	72 62	75 63	70 66	74 68	72 69	75 69	76 69	77 68	75 68	79 68	75 66	78 67	76 68	77 68	77 68	75 66	74 65	77 68	80 66	81 67	80 65	76 66	76 66	76.0 67.0		
LUALUALEI 804	MAX MIN	78 66	80 67	80 67	79 67	88 66	79 68	79 64	78 69	76 70	78 70	80 71	82 72	81 71	83 64	85 66	80 65	83 66	84 69	83 68	82 68	82 68	82 67	80 61	82 59	84 58	84 68	78 66	80 67	81 67	80.2 66.7		
MANDA LYON ARBORETUM	MAX MIN	70 62	73 60	71 61	75 61	72 62	72 61	73 60	72 61	67 61	69 62	74 63	72 63	74 62	73 61	79 62	74 61	75 62	71 64	74 63	74 63	75 62	75 62	73 62	77 60	82 58	82 59	76 62	74 62	73 61	73.6 61.4		
OPAEULA 870	MAX MIN	72 65	72 63	72 62	77 62	72 63	72 63	72 64	72 63	72 63	72 63	72 63	72 63	75 62	74 63	75 65	78 64	75 65	77 64	77 66	77 65	77 65	77 64	77 63	77 63	77 65	82 63	80 62	80 61	75 63	79 63	75.3 63.6	
PRI WAIKAWA 820.2	MAX MIN	73 50	76 50		79 51	78 51	75 51	78 50	70 49		78 55	79 51	80 50	83 53					80 54	81 51	78 50	80 52	79 52			79 51	80 52	81 54	78 53	78 51	78.2 51.5		
WAIALEE 896.3	MAX MIN	78 66	77 65	74 65	77 67	78 66	77 66	77 66	77 65	72 65	77 66	75 66	77 68	78 70	77 68		85 67	75 68	79 71	79 69	78 67	77 67	78 67	77 66	78 65	82 65	80 65	80 65	79 67	77 66	77.6 67.0		
WAIALUA 847	MAX MIN	78 63	78 63	75 64	78 64	78 62	79 63	78 60	74 63	77 64	76 64	78 68	80 65	79 65	83 62	84 62	80 62	76 66	80 66	80 62	79 62	79 62	76 65	76 65	81 65	80 62	80 62	83 62	75 62	78 64	78.7 63.3		
WAIKIKI 717.2	MAX MIN	82 67	81 66	82 66	83 68	82 68	83 67	82 68	83 64	79 70	79 70	80 69	83 68	82 67	83 64	85 63	80 63	83 63	85 63	83 68	83 67	85 67	83 66	81 66	83 66	86 62	86 61	86 63	86 66	84 66	84 66	82.8 66.5	
WAIMANALO EXP FARM	MAX MIN	76 67	78 66	78 68	79 68	79 68	79 69	78 68	73 65	75 68	77 68	78 68	79 68	79 69	77 70	80 66	79 67	78 67	78 69	79 69	79 69	79 68	78 69	78 67	78 65	79 63	81 65	80 67	79 66	77 67	77.1 67.4		
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	70 62	65 62		70 63	71 63	71 62	70 61	70 65		70 63	72 64	74 62	73 64					75 61	73 61	71 62	73 61	74 62			74 61	73 62	74 63	73 63				
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	47 36	49 36	56 40	57 42	55 39	57 38	59 42	61 42	56 39	55 42	59 49	66 44	62 45	62 41	69 50	63 40	64 44	60 40	61 42	58 40	53 36	58 41	58 40	55 40	63 38	57 40	58 36	61 39	61 41	55 38	58.5 40.7	
HALEAKALA SUMMIT 338.4	MAX MIN																																
HANA AIRPORT 355	MAX MIN	77 65	78 65	78 66	77 66	78 64	78 64	77 65	75 67	75 69	75 60	77 67	79 67	79 67	77 67	80 69	79 68	79 68	77 66	79 68	78 69	78 69	75 64	75 64	78 66	79 66	79 65	79 65	74 65	74 65	77.6 66.2		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
APRIL 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAAHAPALI AP 453.1	MAX MIN	76 65	78 63	79 65	80 64	79 67	79 65	78 63	78 63	76 64	77 69	78 69	77 67	81 67	78 66	72 67	80 63	80 67	79 64	81 67	81 68	79 67	82 66	80 66	77 65	80 62	80 61	82 62	83 61	81 67	77 65	78.9 65.2	
KAMULUI WSO 3.8 AP	MAX MIN	81 68	81 68	81 69	82 69	82 70	82 63	81 69	81 68	81 69	80 72	81 71	86 65	83 61	81 61	86 62	87 62	86 66	85 65	83 70	80 59	82 68	81 69	80 68	81 67	82 63	82 59	83 69	82 61	78 67	77 67	81.9 66.5	
KAILUA 446	MAX MIN	79 61	75 66		74 67	73 67	76 63	74 62	74 65		70 63	74 64	74 65	74 64						75 66	75 66	73 63	74 63	72 63			77 64	77 65	76 66	76 60	76 64	74.7 64.1	
KEANAKAPU BEACH 260.2	MAX MIN	82 59	87 59	84 59	86 59	88 59	86 61	86 63	85 62	83 64	82 66	84 62	86 63	85 66	86 65	83 62	84 63	85 66	85 63	83 62	87 61	86 60	86 60	86 60	86 60	85 62	82 62	84 60	85 60	83 62	84 61	84.8 61.8	
KULA SANATORIUM 267	MAX MIN	68 52	70 51	71 52	70 54	71 52	72 51	68 53	68 56	68 57	69 57	70 55	68 52	69 55	68 52	72 55	72 55	72 55	71 56	70 55	72 53	62 54	71 56	70 56	74 57	74 56	73 55	70 54	70 55	70.2 54.2			
LAHAINA 361	MAX MIN	83 66	83 64	84 66	84 64	85 64	83 62	81 66	80 66	83 68	81 66	83 67	81 66	84 67	84 66	85 66	83 64	82 70	85 66	85 65	83 67	83 66	83 66	82 63	84 63	84 64	88 65	84 65	82 64	84 67	83 64	83.2 65.4	
KAILUKE 386	MAX MIN	74 65	77 65		77 66	77 66	77 65	76 65	75 65		77 68	80 68	79 58	79 65						83 66	78 67	78 67	78 68	76 67			80 64	79 68	79 66	75 65	77.8 66.3		
ISLAND OF HAWAII																																	
HAWAII VOLCNS NP HQ 54	MAX MIN	60 46	63 47	65 49	61 51	62 48	61 47	64 46	66 47	63 51	59 52	58 50	61 52	63 52	63 50	66 51	65 50	66 53	61 50	60 52	62 50	59 49	66 52	61 49	65 47	67 48	66 48	67 50	66 49	72 48	69 50	63.6 49.5	
MILU WSO 87 AP	MAX MIN	79 64	80 61	74 64	79 66	79 66	79 64	76 63	76 64	76 66	75 68	77 67	80 67	81 67	80 67	80 67	77 68	77 67	79 67	79 66	80 65	75 68	76 66	79 66	81 65	81 67	80 67	80 64	78 63	78 67	78.4 65.8		
KAINALIU 73.2	MAX MIN	75 57	77 56	74 56	74 57	73 57	74 55	75 57	76 58	70 60	69 60	68 59	68 60	74 62	73 61	76 58	75 58	74 61	71 60	74 60	75 58	73 58	72 59	76 59	73 59	70 57	74 58	74 58	74 57	75 58	73.4 58.4		
KAMUELA 192.2	MAX MIN	66 53	67 54		67 55	67 55	67 55	66 55	66 55		68 57	73 53	71 56	76 58						75 53	67 57	67 56	68 57	66 55			75 49	71 51	70 56	66 56	69.0 54.4		
KEAAU 92	MAX MIN	74 60	76 60	77 59	72 63	75 63	76 61	77 60	75 62	74 63	74 65	76 64	77 64	79 64	78 65	77 63	77 63	75 64	76 64	76 62	78 64	76 62	74 62	74 62	77 62	78 62	80 63	79 62	79 61	78 61	78.4 62.4		
KOHALA MISSION 175.1	MAX MIN	73 61	74 62	76 63	76 63	76 64	75 62	76 63	76 64	72 64	70 65	74 66	75 66	76 64	75 62	80 62	79 64	77 65	77 64	76 64	75 62	76 64	73 62	73 63	76 60	80 61	79 64	78 64	78 61	79 63	79.2 63.3		
KONA (KAILUA) 68.3	MAX MIN	81 65	81 66		81 65	80 66	80 67	80 68	78 68		80 58		82 70	84 68	85 66					82 68	82 67	80 66	82 66								82 65		
KULANI CAMP 79	MAX MIN	54 43	57 44	60 42	74 48	55 45	57 43	60 42	60 47	57 43	55 45	58 47	57 47	59 47	61 47	61 49	60 50	59 46	59 46	56 47	56 46	58 49	57 47	59 47	63 49	63 44	62 46	62 44	60 43	61 43	61.4 45.8		
MAUNA LOA SLOPE OBS	MAX MIN	44 26	44 26	43 25	44 28	52 27	50 27	51 33	49 33	47 33	42 34	49 36	50 35	52 39	53 38	55 34	52 33	44 32	48 30	50 28	48 32	51 31	51 33	49 32	49 32	45 30	47 28	48 31	50 32	46 32	46 32	48.3 31.4	
MOUNTAIN VIEW 91	MAX MIN	67 55	72 55	71 55	71 55	72 55	72 57	73 56	73 57	69 58	71 50	71 59	71 59	72 60	73 60	74 60	74 59	74 59	71 59	70 60	71 59	70 58	74 59	70 58	74 58	74 58	77 58	77 59	75 58	77 56	75 57	72.4 57.6	
NAALEHU 14	MAX MIN	77 61	77 64		78 57	78 57	78 61	79 62	78 59		78 57	78 55	77 63	76 64						78 62	77 64	76 63	77 61	75 63			80 61	78 62	78 63	79 61	78 64	77.6 61.2	
OOKALA 223	MAX MIN	71 60	73 62	70 59	70 60	78 62	76 62	75 65	75 63	71 63	70 65	76 64	76 64	75 61	76 66	79 65	79 64	79 65	78 65	75 64	75 62	73 64	76 62	73 62	71 56	77 64	78 64	78 63	74 62	74 62	75.0 62.9		
OPIHIHALE 2 24.1	MAX MIN	77 55	75 54	75 54	74 55	75 54	74 56	77 58	74 59	73 59	74 59	72 60	77 60	78 59	73 58	78 60	73 57	72 55	72 55	79 57	72 55	72 55	76 56	79 56	75 55	77 57	77 58	77 57	77 58	76 58	72 58	75.3 57.2	
PAHALA 21	MAX MIN	77 61	79 58		79 59	80 57	78 57	77 58	76 62		78 63	77 62	76 64	77 64						77 60	78 60	76 59	77 61	75 58			79 64	74 62	76 58	77 59	77.1 60.2		
SOUTH KONA 2.31	MAX MIN																																
UPOLU POINT USCG 159.2	MAX MIN	78 63	76 63	78 66	76 64	77 67	77 64	78 66	77 66	78 64	76 68	76 69		79 67	79 68	80 67	82 65	81 68	81 67	81 67	79 65	79 64	79 65	80 65	77 67	75 65	78 63	80 66	81 66	80 66	77 66	78.5 65.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
APRIL 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180° MERIDIAN																																	
CANTON ISLAND	MAX MIN	87 75	86 75	86 76		87 77	88 77	88 77	88 76	88 76	87 78	88 76		89 77	88 78	87 74	88 76	87 74		87 75	87 77	87 77	88 77	88 76	89 77		88 77	88 78	88 77	87 78	88 78		87.6 76.5
JOHNSTON WSO AP	MAX MIN	80 72	79 73	80 70	79 73	79 73	68 68	79 74	77 71	79 71	80 73	80 72	81 74	80 73	81 72	81 74	82 75	80 70	81 70	82 73	80 70	80 75	80 73	80 74	80 73	79 74	80 74	80 74	79 74	80 75	79 73		79.8 72.8
LEONE	MAX MIN	91 83	89 82	89 85	89 80	90 82	93 84	90 83	89 83		93 83	92 80	92 81	91 82	89 81	92 84	92 81	91 82	91 81	89 81	89 77	89 82	89 84	89 77	89 78	85 77	89 78	83 75	83 78	89 79	87 73		89.3 80.8
FRENCH FRIGATE SHOALS	MAX MIN	79 67	80 67	81 65	78 67	78 64	80 65	76 63	81 66	80 61	76 67	76 65	78 68	80 67	78 67	78 65	78 64	77 64	74 60	78 68	78 70	80 68	83 65	78 67	81 62	80 65	79 63	78 63	78 64	80 63		78.6 65.6	
MIDWAY SAND ISLAND	MAX MIN	74 64	73 64	71 62	74 60	72 64	72 65	72 66	73 67	73 63	74 67	72 61	72 65	65 58	65 59	68 58	68 59	70 61	72 62	72 66	75 64	75 69	75 68	75 66	75 64	68 60	72 60	73 62	74 63	75 65	75 66		72.2 63.4
PAGO PAGO WSO AP	MAX MIN	87 73	88 76	85 71	88 80	86 79	88 74	88 73	87 73	88 72	87 73	88 75	87 76	89 81	88 79	88 75	88 72	88 73	87 72	86 75	86 74	85 72	87 71	88 80	84 75	86 71	81 74	82 72	85 74	84 72		86.6 74.3	
SWAIN ISLAND																																	
WESTERN PACIFIC ISL. NORTH OF 12° N																																	
ANDERSEN AFB GUAM	MAX MIN	84 75	80 75	80 74	81 75	80 76	81 75	80 73	80 74	80 74	79 75	80 76	80 76	81 75	80 74	80 74	81 73	80 72	81 72	79 76	81 73	81 75	79 74	79 71	81 74	82 74	81 76	81 77	83 75	81 76	81 77		80.5 74.6
CLARK AFB LUZON	MAX MIN	91 75	91 72	93 72	90 75	91 73	93 79	90 75	93 73	86 73	88 72	88 72	88 72	90 68	90 70	91 70	95 72	95 77	95 73	97 79	95 73	95 73	88 73	91 72	91 73	90 73	90 72	91 73	91 75	95 75	93 75		91.4 73.7
GUAM NAS	MAX MIN	82 77	84 76	83 77	84 74	83 76	82 76	83 76	83 76	82 76	83 76	83 77	83 76	82 77	82 76	83 76	82 75	84 75	85 75	85 76	85 76	84 76	84 75	85 76	85 76	85 76	85 77	85 77	85 77	84 78	84 76		83.6 75.9
GUAM WSO	MAX MIN	83 74	84 71	84 73	85 75	85 72	84 74	84 76	84 74	83 69	85 69	85 75	85 74	85 71	86 74	84 73	85 71	86 72	85 73	85 73	84 75	83 72	85 70	84 71	83 72	84 75	84 75	83 72	84 75	85 72		84.3 72.5	
SAIPAN USCG	MAX MIN	87 77	86 76	86 77	88 75	88 76	86 77	87 77	88 78	89 78	87 79	89 78	88 79	89 78	88 79	88 76	88 75	88 76	87 75	88 76	85 75	85 76	88 76	88 75	89 74	88 73	88 74	88 76	89 75	89 76	89 74		87.7 75.6
WAKE WSO AP	MAX MIN	85 74	85 71	85 75	85 68	84 70	85 74	85 74	85 71	86 74	84 72	84 72	85 73	82 71	81 71	81 72	83 72	84 71	85 72	85 72	84 73	84 73	85 73	84 73	86 75	85 72	85 74	85 75	86 75	83 75	85 75		84.3 72.3
CAROLINE AND MARSHALL ISLANDS																																	
ENIWEAT	MAX MIN	86 73	87 73	84 74	82 71	86 73	85 77	85 75	86 74	86 75	85 74	86 74	86 74	86 75	86 77	86 75	84 74	85 71	85 70	85 75	93 73	94 75	88 75	86 75	84 74	82 74	81 75	81 71	86 69	85 75	85 78		85.5 73.9
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	89 76	88 76	89 75	89 78	86 76	82 74	86 74	82 77	86 77	88 78	88 76	88 76	89 75	89 75	88 76	88 76	89 75	88 75	88 76	87 75	88 76	88 76	89 76	89 77	90 75	89 76	89 75	89 76	89 75	90 75		87.7 75.6
KWAJALEIN MISSILE RGN	MAX MIN	87 77	85 75	83 74	86 75	84 76	86 78	87 78	86 79	86 79	87 79	86 79	86 79	84 76	86 75	86 75	86 79	86 75	86 75	85 76	86 79	86 75	86 76	84 76	84 76	84 76	85 73	85 75	80 76	86 80	86 80		85.6 77.0
LELE I. KUSAIE	MAX MIN	87 74	90 76	89 75	86 75	80 74	88 74	90 76	89 73	91 70	85 70	89 74	89 75	88 73	88 75	85 74	88 74	89 74	89 72	84 72	87 72	87 72	86 71	87 72	83 72	85 74	90 74	83 73	85 79	87 75	90 73		87.8 73.7
MAJURO WSO AP	MAX MIN	83 73	85 74	84 72	84 73	82 72	83 73	84 76	84 73	81 74	86 75	84 73	86 73	87 75	86 73	85 76	85 76	86 75	81 73	85 73	83 73	83 73	85 73	85 73	83 73	85 73	85 73	86 74	85 79	87 79	87 76		84.7 74.2
METALANIM	MAX MIN	85 80	86 78	84 82	84 82	83 80	85 79	86 80	86 79	85 80	88 81	91 83	90 80	84 81	83 79	86 81	87 79	86 81	85 79	85 79	85 79	86 79	85 80	87 80	85 80	88 81	89 81	87 80	87 79	87 80	87 80		86.0 80.1
PONAPE WSO	MAX MIN	88 75	85 75	88 73	87 73	88 74	87 73	87 76	86 75	88 74	83 73	88 74	88 73	89 73	89 73	88 74	89 75	89 74	83 74	89 72	87 75	87 75	87 74	88 74	88 74	87 75	87 74	88 74	87 75	88 74	88 78		86.4 73.8
SATAWAN ATOLL																																	
TRUK. MOEN I. WSO AP	MAX MIN	87 75	81 74	86 73	86 75	85 75	88 76	85 75	87 75	87 78	85 75	87 76	86 77	87 74	87 77	87 77	88 79	84 75	87 76	85 72	85 75	84 74	87 77	87 77	87 77	87 77	88 77	88 76	87 74	87 75	88 74		86.3 75.5
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	85 72	83 71	85 70	84 71	85 70	82 70	83 73	86 72	86 75	87 74	87 73	87 72	88 73	88 76	87 73	87 74	88 74	87 73	88 74	87 71	88 75	89 74	88 75	88 73	88 74	88 75	87 74	88 73	88 74	87 70		86.6 72.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
APRIL 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
ISLAND OF KAUAI																																
LIMUE WSO 1020.1 AP	EVAP	.27	.30	.18	.36	.19	.30	.33	.21	.26	.23	.21	.31	.20	.27	.30	.30	.27	.30	.31	.34	.31	.28	.33	.22	.38	.15	.18	.24	.19	.36	8.08
	WIND	268	229	239	208	239	262	231	233	273	288	321	330	183	256	217	147	78	92	248	258	271	250	241	245	131	80	151	200	166	200	6511
	MAX	75	77	74	80	81	79	79	78	78	75	75	75	75	76	84	87	84	86	83	82	80	79	81	84	83	81	82	80	81	82	79.9
	MIN	59	59	58	60	60	59	58	58	60	60	60	60	63	62	62	61	59	59	62	61	61	61	61	60	59	59	57	62	61	60	60.0
ISLAND OF OAHU																																
HONOLULU OBSERV 702.2	EVAP	.27	.28	.35	.30	.30	.45	.30	.35	.30	.42	.32	.36	.26	.28	.30	.30	.18	.17	.20	.45	.30	.30	.38	.29	.30	.34	.36	.30	.19	.25	9.15
	WIND	56	48	33	42	53	51	49	36	45	50	73	57	36	47	34	28	26	21	34	59	58	53	49	43	33	43	25	38	26	40	1286
	MAX	85	84	86	87	87	88	87	81	82	83	80	83	73	79	-	-	89	90	88	94	92	93	94	86	94	94	95	93	90	89	87.4
	MIN	60	60	62	60	65	61	61	61	60	59	64	57	59	68	-	-	71	70	67	66	65	68	67	67	65	65	66	68	69	65	64.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
APRIL 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.42	.44	.42	.40	.38	.30	.32	.19	.18	.30	.28	.29	.39	.28	.35	.29	.30	.27	.24	.38	.42	.39	.39	.29	.37	.43	.48	.28	.33	.36	10.16	
	WIND	292	313	285	293	306	285	254	247	171	-	-	-	214	222	214	150	107	70	78	294	293	264	263	217	180	209	248	239	203	248	68438	
	MAX	78	81	81	81	79	77	79	75	79	88	89	82	84	82	85	85	90	95	91	81	82	82	84	84	85	84	84	84	86	82	83.3	
	MIN	65	66	66	67	66	67	67	66	67	67	67	69	68	68	67	67	67	67	69	68	68	67	66	67	67	66	67	67	67	67	67	67.1
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.25	.22	.22	.28	.36	.18	.19	.13	.14	.23	.26	.42	.36	.28	.20	.26	.37	.21	.33	.27	.27	.21	.21	.21	.30	.30	.35	.18	.21	.22	7.62	
	WIND	191	150	178	225	203	189	180	156	136	114	79	163	170	134	104	136	157	113	153	129	133	119	148	93	90	107	123	73	119	109	4174	
	MAX	83	84	84	84	85	82	85	85	81	86	88	86	87	85	86	89	84	86	85	84	85	84	84	88	88	86	87	88	87	89	85.5	
	MIN	68	68	68	70	70	69	70	70	70	68	66	69	67	67	67	69	69	67	68	65	66	66	68	68	66	68	66	68	67	70	69	68.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIHAU	1	22 08	159 18	180		7A			LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	280				C	LIHUE PLANTATION CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILILIULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		W1			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	7A	7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A 4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A	5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA-KAUAI 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A			PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A		C	KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAHIAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320					DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A		C	ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		W1		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		WI			D O W A L D
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20				C	MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C	SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIKANE 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIKANE 750	A 9738	03	EWA	3	21 23	158 01	59		8A			WAIHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS PUU O HOKU RANCH MOLOKAI RANCH COMPANY
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			
WAIKOLU 540	9404	01	MOLOKAI	1	21 08	156 55	3550		WI			
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY KOELE COMPANY
KALMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A			
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO HARRY HASEGAWA
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			
HALIIMALE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC EDWARD CHANG
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHUA 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					
KANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL HAWAIIAN COM & SUG CO
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUOLA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC U H AGRICULTURE EXP STN MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920					
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		WI			
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340	VAR				
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127	VAR				
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PARKER 350	7194	01	HANA	1	20 49	156 07	1260		6A			
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150	VAR				
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85	8A				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAUNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAHALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A		C	K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C	J NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUULUA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMLO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MORULA 18	A 6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAUHILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUNAN SUGAR COMPANY
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAHU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAHAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAHAA RANCH CO
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
NEW STATIONS												
ISLAND OF KAUAI												
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	A0Z	A0Z			AUSCG LORAN STATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
APRIL 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RCN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I., KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I., WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 feet above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

< Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

‡ Extreme occurred at station with incomplete data which may have been exceeded.

A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

B Adjusted to a full month.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

R Amounts from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR Observation made after rain.

C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

J "Supplemental Data" table.

MO Gage read once monthly; usually on the last day.

OC Gage readings at periods varying from a few weeks to several months.

S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

SS Observation time is near sunset.

VAR Observation time is variable.

WI Gage read weekly or irregularly only.

WM Gage read weekly and last day of month.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

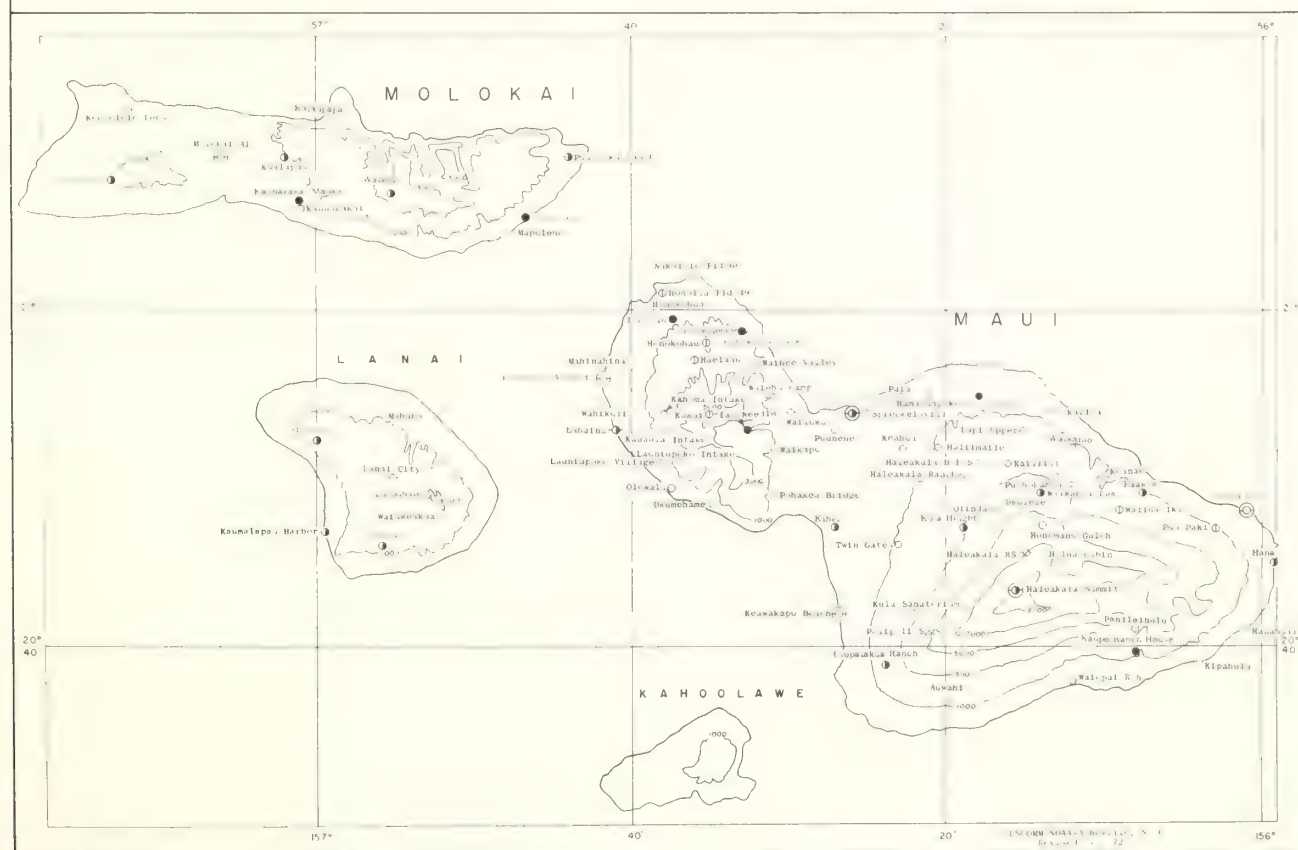
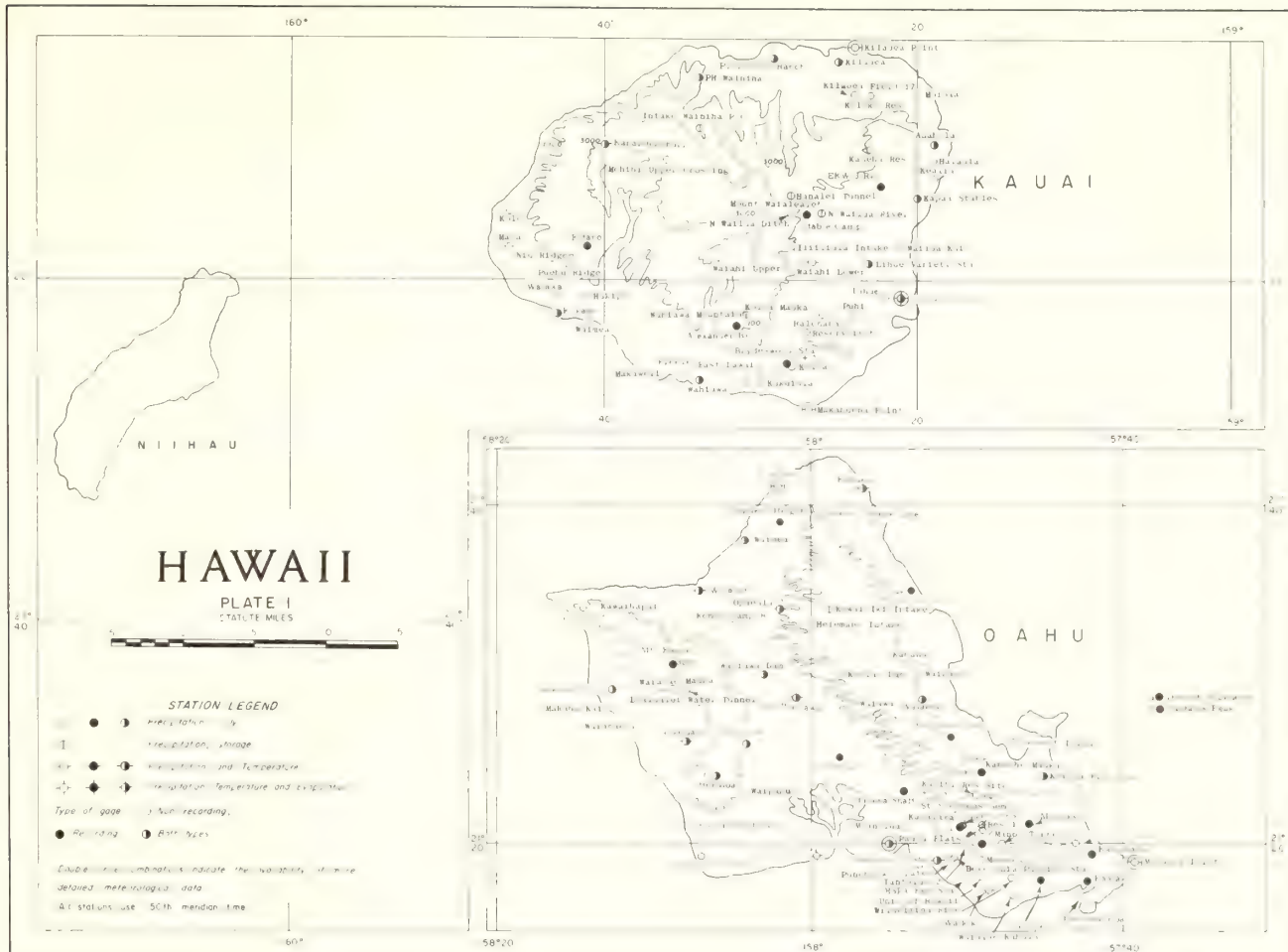
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

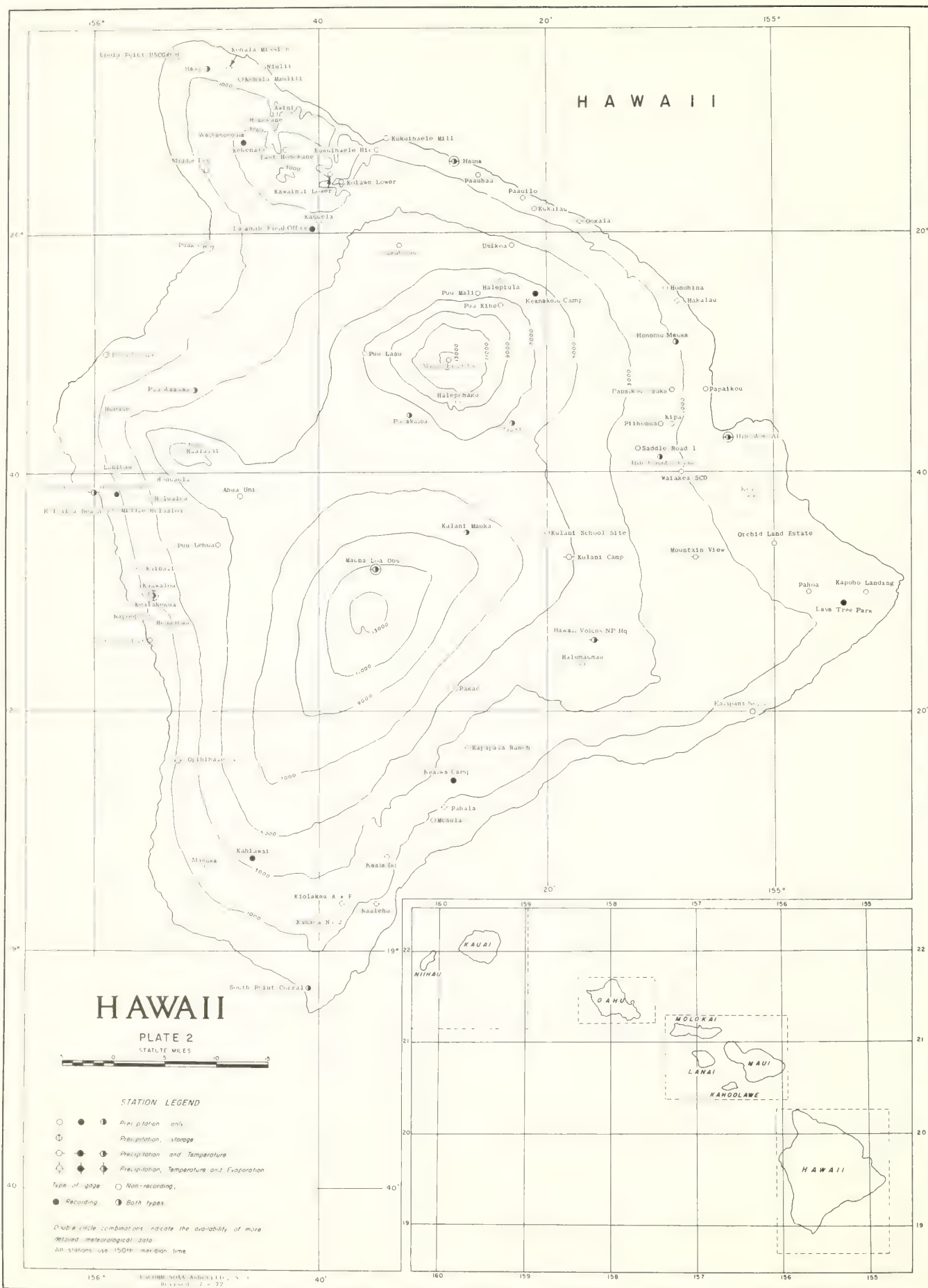
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

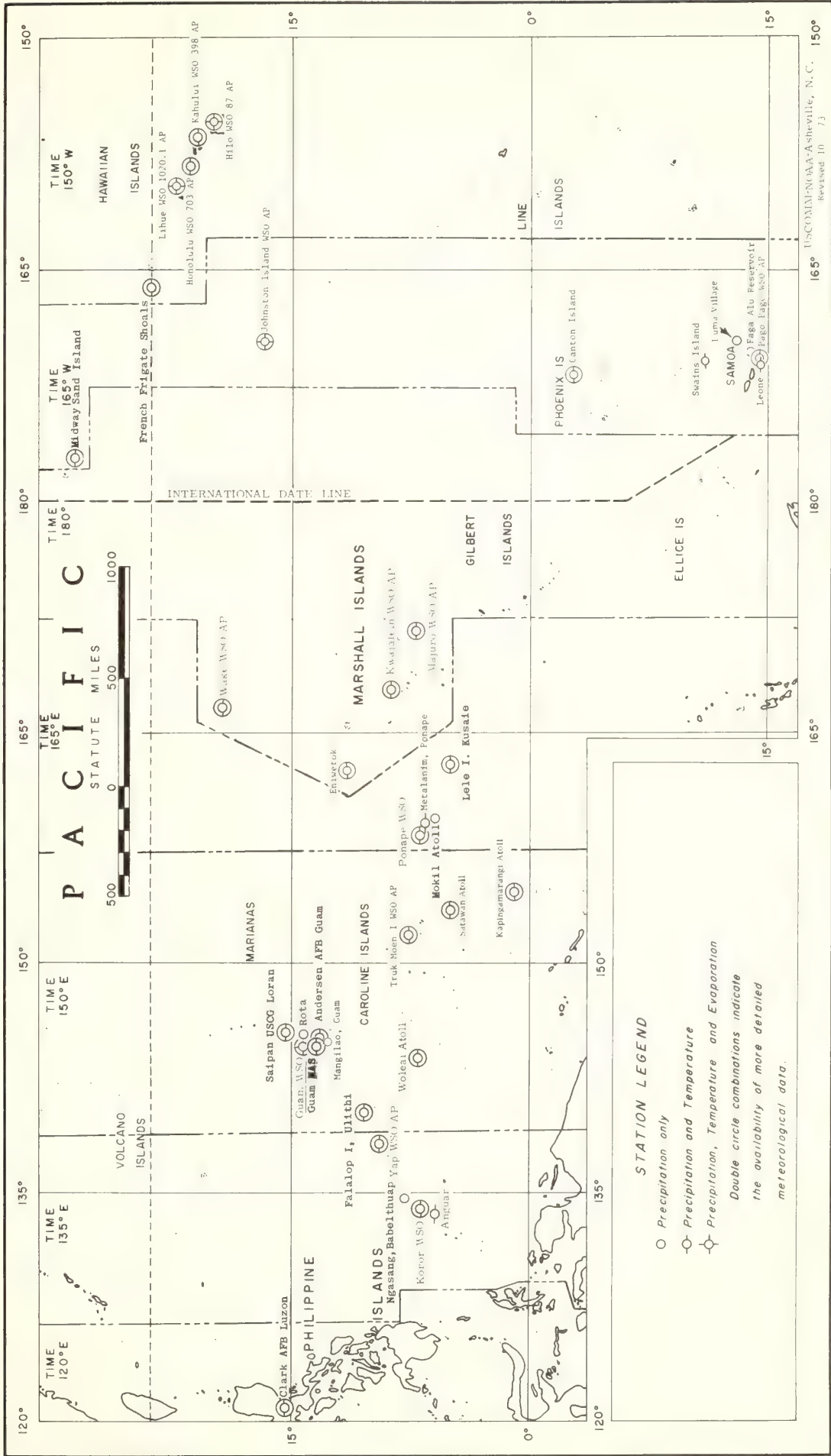
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

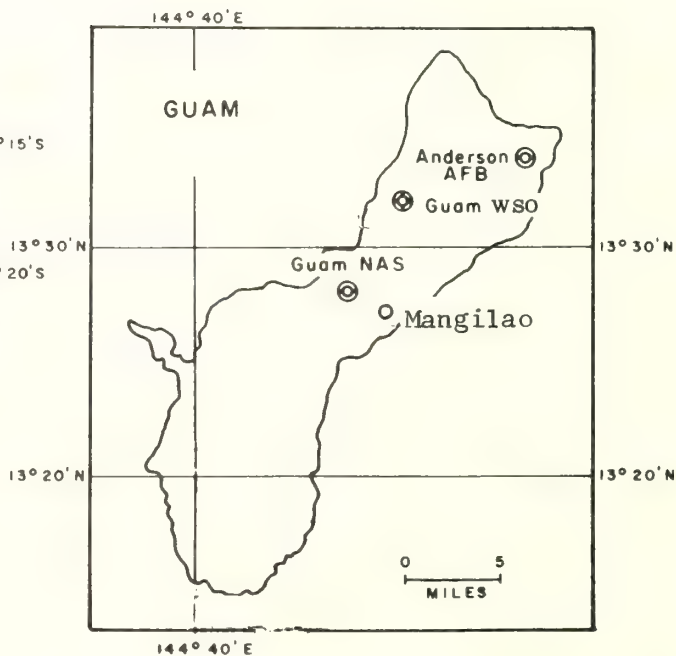
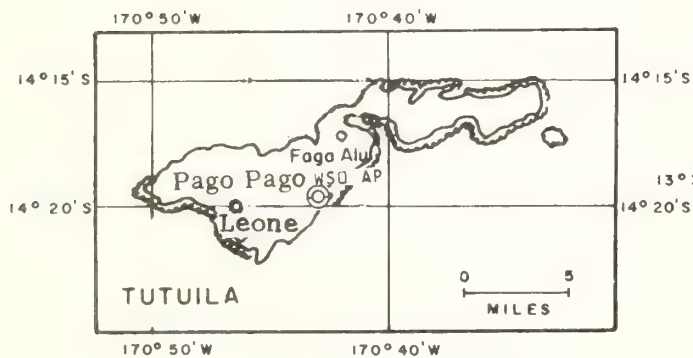
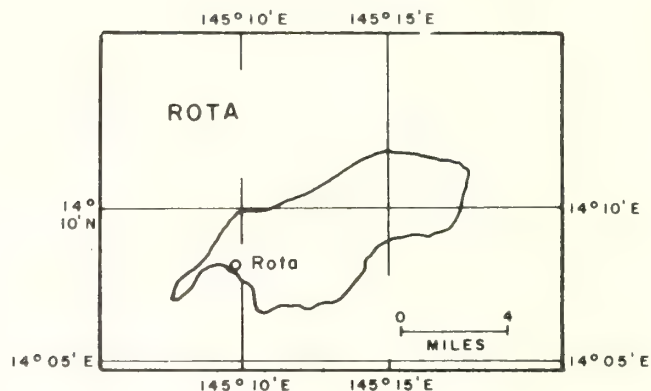
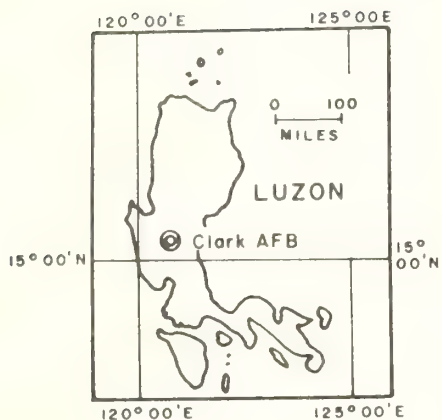
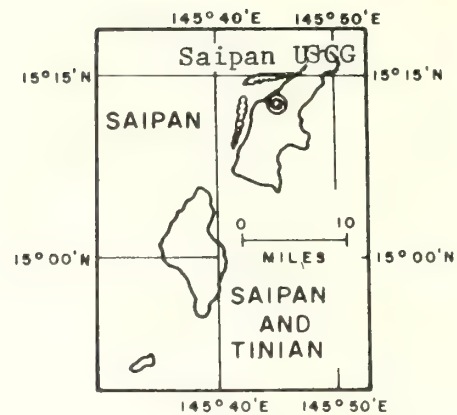
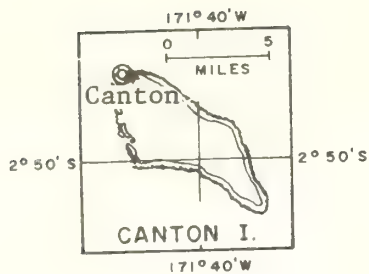
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

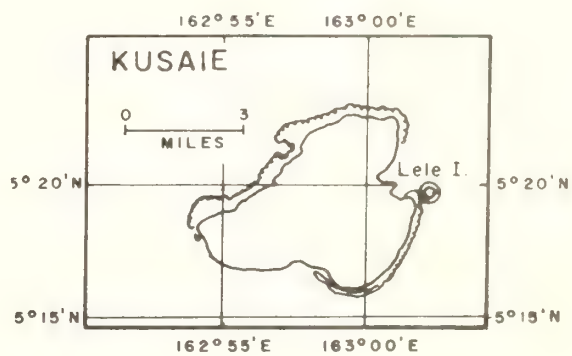
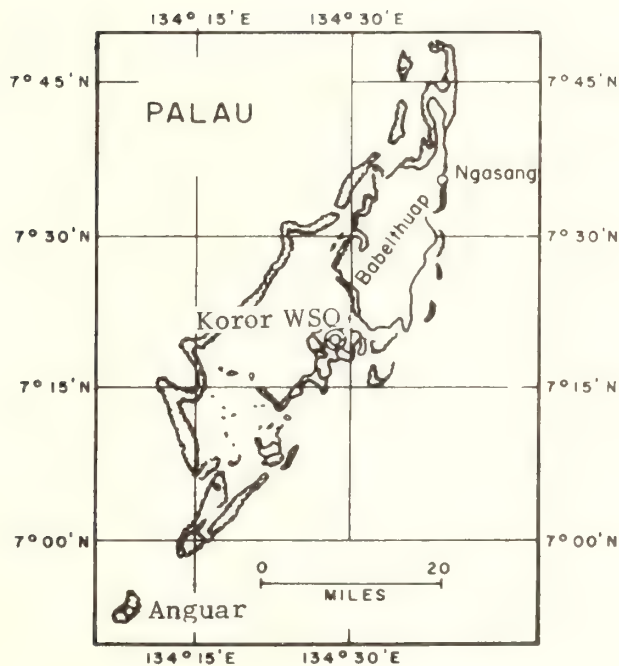
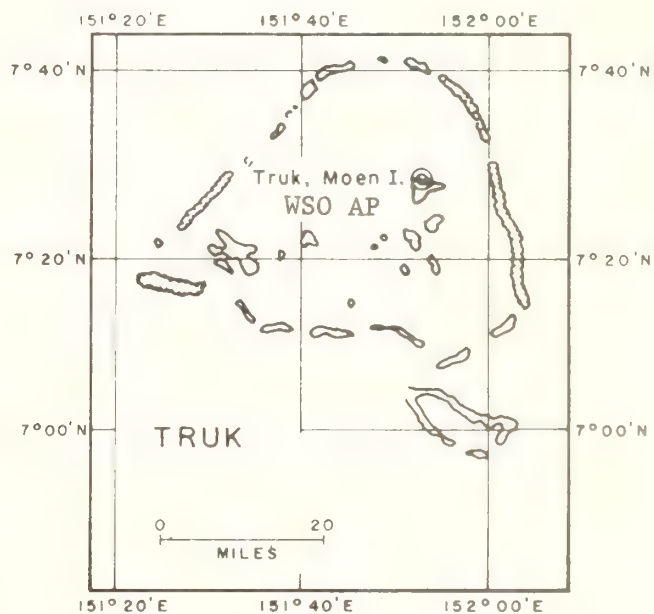
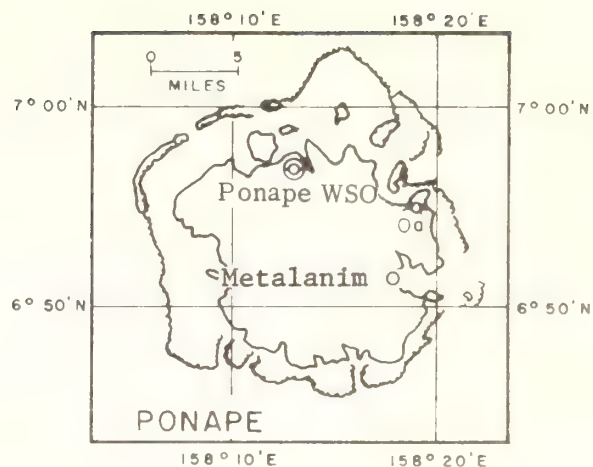
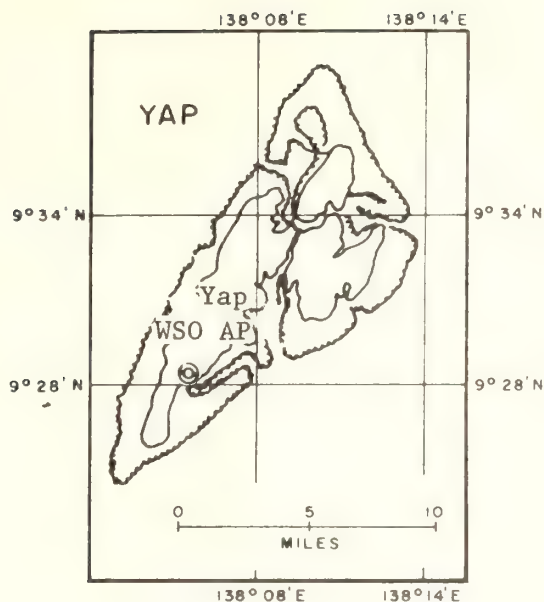
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.



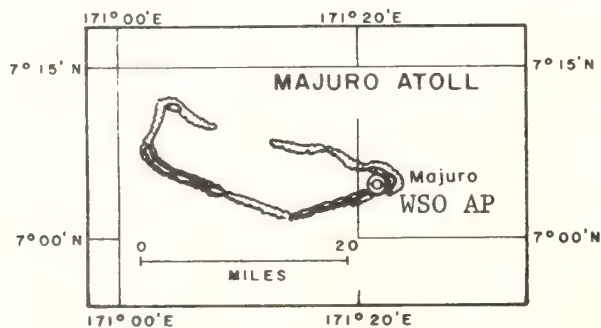
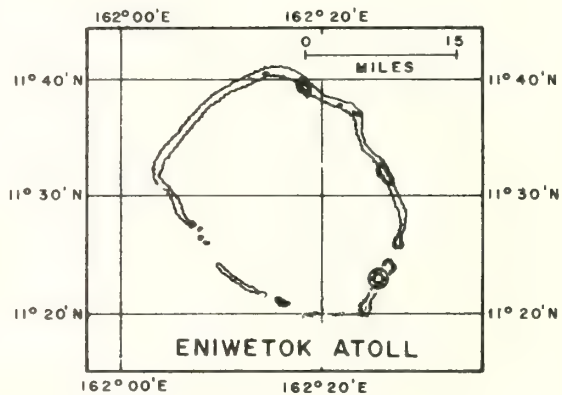
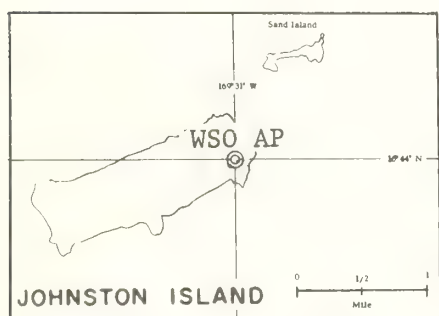
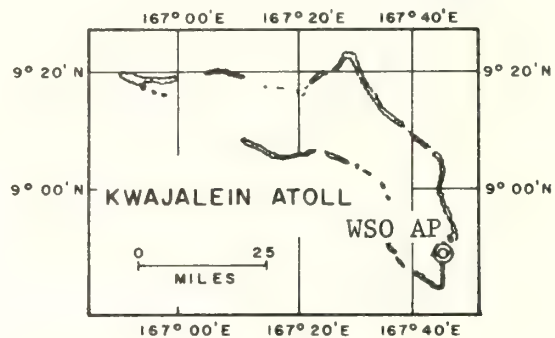
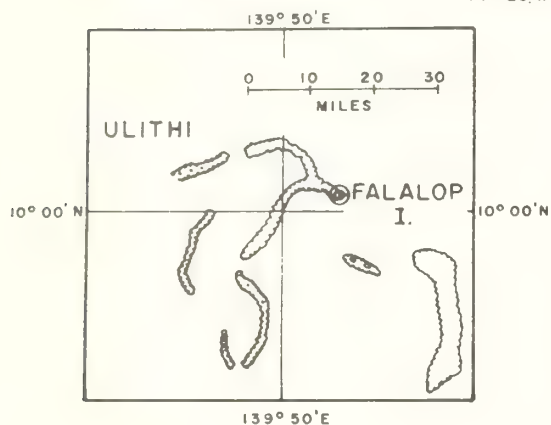
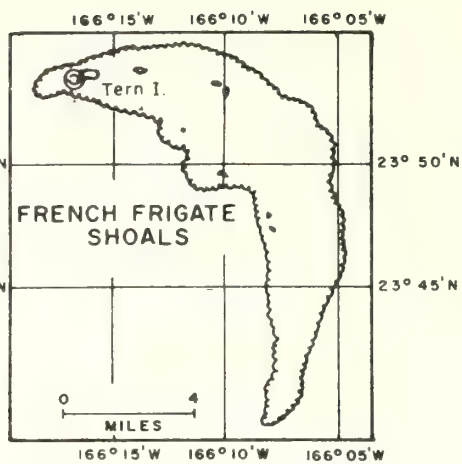
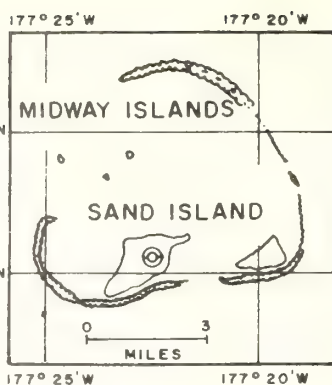
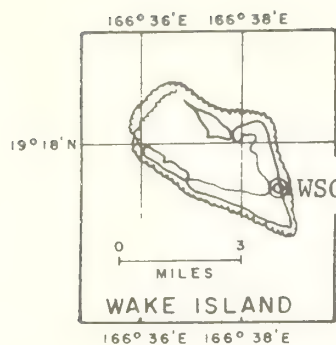








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ASHEVILLE, N.C. 28801

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THIRD CLASS





Climatological Data

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: KEAWAKAPU BEACH 260.2 MAUI 89 DATE 29
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 30 DATE 22
 GREATEST TOTAL PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 18.63
 LEAST TOTAL PRECIPITATION: 12 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: HILO COUNTRY CLUB 86.6 HAWAII 3.36 DATE 01

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER AVERAGE	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							GREENWICH CIVIL														
							12	18	00	06											
GUAM WSO AP	-	-	-	76	NE	21		80	80	92	0	10	9	2	2	3	26	55	8.3		
HILO, HAWAII, WSO AP	23	0.6	6.5	15	E	22+	92	86	70	84	1	9	17	3	0	0	30	42	7.8		
HONOLULU, OAHU, WSO AP	6	12.2	12.8	26	E	16	65	60	49	62	10	11	0	0	0	0	21	64	5.9		
JOHNSTON ISLAND WSO AP	9	17.9	18.4	28	E	07+	79	77	72	77	10	10	2	0	0	0	22	86	6.5		
KAHULUI, MAUI, WSO AP	6	14.4	15.4	34	NE	28	77	70	52	70	6	1	0	0	0	0	7	70	4.5		
KOROR WSO AP	29	2.7	8.7	35	SW	15	86	-	77	76	2	4	5	5	3	0	19	54	7.8		
KWAJALEIN WSO AP	8	11.4	12.1	28++	10	14	85	85	78	81	7	5	12	4	2	1	31	-	8.7		
LIHUE, KAUAI, WSO AP	6	12.9	13.4	26	NE	21	79	75	66	77	6	16	1	0	0	0	23	63	6.2		
MAJURO WSO AP	8	9.8	10.6	28	E	04	84	84	80	80	5	5	7	5	2	3	27	43	9.4		
PAGO PAGO WSO AP	7	4.6	8.7	29	SW	27+	90	90	78	87	3	8	4	3	4	3	25	36	8.0		
PONAPE WSO AP	-	-	-	20	S	20	92	-	81	80	1	7	7	6	6	3	30	32	8.5		
TRUK,MOEN I., WSO AP	7	1.5	11.5	49	NW	18	88	-	81	81	0	2	10	5	5	3	25	31	9.3		
WAKE WSO AP	10	13.1	14.8	26	E	16	83	85	66	72	5	11	4	0	0	0	20	85	4.6		
YAP WSO AP	35	1.2	7.5	26	W	12	88	-	79	74	3	4	9	5	1	2	24	68	7.5		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MAY
1976

STATION		TEMPERATURE											PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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HAWAII AND PACIFIC
MAY 1976

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		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC

MAY

1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	1.62	x	x	05	.07	.03	.02	.15	x	x	.02	.02	.02	.04	x	x	.20	.03	x	x	.15	.03	x	x	.25	.25	.15	x	x	x	.03	
BEYDESWOOD STA 985	A	3.82	x	x	x	.07	.04	.02	.17	x	x	.17	.01	.05	.04	x	x	.45	.13	.11	.32	.43	x	x	.65	.40	.01	.10	.42	x	x	.43	
EAST LAHA 934	A	5.24	x	x	x	.17	.06	.08	.01	x	x	.17	.02	.13	.04	x	x	.38	.20	.27	.16	.40	x	x	.95	.11	.01	.63	.24	x	x	.52	
ELELE 927	A	1.20	x	x	x	.17	.06	.08	.01	x	x	.17	.02	.13	.04	x	x	.38	.20	.27	.16	.40	x	x	.95	.11	.01	.63	.24	x	x	.52	
HALEAULA 1110	A	2.15	x	x	03	.02	.05	.03	.15	x	x	.02	.02	.02	x	x	.20	.03	x	x	.15	.03	x	x	.25	.25	.15	x	x	x	x	.03	
HALEAULA 1006	A	3.88	x	x	x	.13	.06	.04	.07	x	x	.16	.04	.04	x	x	.22	.15	.09	.25	.41	x	x	.27	.44	.05	.20	.19	x	x	x	.55	
HALEAULA 945	A	.43	x	x	x	.13	.06	.04	.07	x	x	.16	.04	.04	x	x	.22	.15	.09	.25	.41	x	x	.27	.44	.05	.20	.19	x	x	x	.55	
ILII ILIULA INTAKE 1050	A	1.28	x	x	36	.38	.24	.22	.22	x	x	1.06	.02	.05	.06	x	x	1.12	.15	.78	1.10	.33	x	x	.67	.61	.11	.98	.14	x	x	.42	
INTAKE WAHIAHA PC 1086	A	9.97	x	x	137	.38	.24	.22	.22	x	x	1.06	.02	.05	.06	x	x	1.12	.15	.78	1.10	.33	x	x	.67	.61	.11	.98	.14	x	x	.42	
KANAKAHELE W010 1075	A	1.11	x	x	x	.02	.02	.01	.03	x	x	.11	x	.04	.20	x	.03	.03	.03	.03	.23	.11	x	x	.08	.18	.13	.02	.28	x	x	.71	
KANEA RESERVOIR 1092	A	3.83	x	x	10	.25	.15	.15	.20	x	x	.05	.05	.16	x	x	.24	.20	.25	.10	.25	x	x	.70	.75	.20	.11	.17	x	x	x	.15	
KAPAR STABLES 1104	A	2.03	x	x	x	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
KERALA 1112	A	2.10	x	x	x	.02	.05	.05	.05	x	x	.04	.02	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
KEKAHA 944	A	.35	x	x	x	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
KILAUEA 1134	A	4.04	x	x	13	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
KILAUEA POINT 1133	A	1.04	x	x	x	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
KILOA 1033	A	.14	x	x	x	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
KILOA 936	A	4.42	x	x	02	.17	.13	.12	.01	x	x	.10	.03	.10	.01	.01	.01	.01	.01	.01	.01	x	x	.01	.01	.01	.01	.01	.01	.01	.01	.01	
KILOA N. (HAK) 940.1	A	1.46	x	x	02	.17	.13	.12	.01	x	x	.10	.03	.10	.01	.01	.01	.01	.01	.01	.01	x	x	.01	.01	.01	.01	.01	.01	.01	.01	.01	
KILOA MAUKA 994	A	4.73	x	x	x	.49	x	.15	x	x	x	.36	x	.03	x	x	.45	x	.45	x	.45	x	.45	x	.45	x	.45	x	.45	x	.45	x	
KEKULUA 935	A	1.97	x	x	01	.03	.02	.07	x	x	.03	.05	.05	.02	.13	x	.12	.07	.04	.18	.10	x	x	.51	.13	.03	.02	.04	x	x	.21		
LAHUE VARIETY ST 10621	A	3.44	x	x	x	.13	.07	.10	.10	x	x	.18	.05	.18	x	x	.22	.09	.11	.03	.12	x	x	.64	.61	.12	.12	.12	.12	.12	.12	.12	
LAHUE 1020	A	1.82	x	x	x	.08	.02	.06	x	x	.08	.05	.05	.02	.13	x	.12	.07	.04	.18	.10	x	x	.51	.13	.03	.02	.04	x	x	.21		
LAHUE WSD 1020.1 AP	A	.86	x	x	06	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
MAKAHELE 965	A	.31	x	x	x	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
MAKAHELE 1026	A	.31	x	x	x	.08	.03	.03	.08	x	x	.03	.03	.2	x	x	.11	.11	.04	.15	.10	x	x	.25	.11	.10	.10	.02	.19	x	x	.02	
MOHAKI UPR CROSS 1083	A	4.44	x	x	09	.09	.06	.06	.09	x	x	.09	.09	.09	x	x	.09	.09	.09	.09	.09	x	x	.09	.09	.09	.09	.09	.09	.09	.09	.09	
MOLOAA 1145	A	1.39	x	x	07	.09	.06	.06	.09	x	x	.09	.09	.09	x	x	.09	.09	.09	.09	.09	x	x	.09	.09	.09	.09	.09	.09	.09	.09	.09	
MOUNT WAHIAHA 1047	A	.58	x	x	07	.09	.06	.06	.09	x	x	.09	.09	.09	x	x	.09	.09	.09	.09	.09	x	x	.09	.09	.09	.09	.09	.09	.09	.09	.09	
NEW RIDGE 1035	A	.58	x	x	07	.09	.06	.06	.09	x	x	.09	.09	.09	x	x	.09	.09	.09	.09	.09	x	x	.09	.09	.09	.09	.09	.09	.09	.09	.09	
N. HAULUA DITCH 1051	A	11.69	x	x	47	.50	.27	.35	.11	x	x	.02	.02	.01	.01	x	.128	.39	.50	1.00	.01	x	x	1.84	.50	.14	.12	.32	x	x	.99		
PA. WAHIAHA 1115	A	4.45	x	x	21	.49	.44	.01	.01	x	x	.01	.01	.01	.01	x	.12	.09	.01	.01	.01	x	x	.175	.49	.44	.01	.01	.01	.01	.01	.01	
PRINCEVILLE RANCH 1117	A	3.81	x	x	13	.49	.44	.01	.01	x	x	.01	.01	.01	.01	x	.12	.09	.01	.01	.01	x	x	.175	.49	.44	.01	.01	.01	.01	.01	.01	
PUEHU RIDGE 1040	A	1.21	x	x	x	.07	.08	.04	.04	x	x	.04	.04	.04	x	x	.13	.03	.15	.08	.14	x	x	.05	.69	.21	.11	.04	x	x	.24		
PUNI 1013	A	.37	x	x	x	.07	.08	.04	.04	x	x	.04	.04	.04	x	x	.13	.03	.15	.08	.14	x	x	.05	.69	.21	.11	.04	x	x	.24		
WAHIAHA 930	A	1.93	x	x	x	.05	.05	.01	.01	x	x	.05	.05	.05	x	x	.07	.10	.20	.17	.12	x	x	.38	.39	.21	.11	.04	x	x	.24		
WAHIAHA LOWER 1054	A	0.54	x	x	05	.05	.05	.01	.01	x	x	.05	.05	.05	x	x	.07	.10	.20	.17	.12	x	x	.38	.39	.21	.11	.04	x	x	.24		
WAHIAHA UPPER 1052	A	9.10	x	x	04	.03	.28	.23	.00	.06	.80	.03	.02	.01	.12	.04	.12	.29	.12	.38	.73	.12	.18	.56	.28	.45	.56	.02	.03	x	x	.12	
WAHIAHA 943	A	.65	x	x	x	.03	.14	.12	.05	x	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	x	x	.28	.45	.56	.02	.03	x	x	.12		
WAHIAHA KAI 1065	A	1.74	x	x	x	.03	.14	.12	.05	x	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	x	x	.28	.45	.56	.02	.03	x	x	.12		
WAHIAHA 947	A	.08	x	x	x	.03	.14	.12	.05	x	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	x	x	.28	.45	.56	.02	.03	x	x	.12		
WEST LAHA 931	A	2.66	x	x	x	.07	.04	.08	.08	x	x	.04	.03	.04	.05	x	.12	.15	.12	.23	.24	x	x	.56	.08	.08	.05	.05	x	x	.24		
ISLAND OF OAHU																																	
ALONA STADIUM-HAULUA	A	.78	x	x	x	.07	.07	.07	.07	x	x	.07	.07	.07	x	x	.07	.07	.07	.07	.07	x	x	.07	.07	.07	.07	.07	.07	.07	.07	.07	
BERETANIA PUMPING STA	A	1.69	x	x	01	.07	.07	.07	.07	x	x	.07	.07	.07	x	x	.07	.07	.07	.07	.07	x	x	.07	.07	.07	.07	.07	.07	.07	.07	.07	
B. Y. U. LAIE 803.1	A	1.32	x	x	07	.03	.02	.02	.02	x	x	.02	.02	.02	x	x	.02	.02	.02	.02	.02	x	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	
CAMPBELL JND PK 702.5	A	.35	x	x	04	.02	.02	.02	.02	x	x	.02	.02	.02	x	x	.02	.02	.02	.02	.02	x	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	
CAMP 84 807	A	.62	x	x	04	.02	.02	.02	.02	x	x	.02	.02	.02	x	x	.02	.02	.02	.02	.02	x	x	.02	.02	.02	.02	.02	.02	.02	.02	.02	
COCOAUT ISLAND 840.1	A	.81	x	x	05	.01	.01	.01	.01	x	x	.01	.01	.01	x	x	.01	.01	.01	.01	.01	x	x	.01	.01	.01	.01	.01	.01	.01	.01	.01	
COCAUT PLANTATION 741	A	.08	x	x	05	.01	.01	.01	.01	x	x	.01	.01	.01	x	x	.01	.01	.01	.01	.01	x	x	.01	.01	.01	.01	.01	.01	.01	.01	.01	
HELEMANO INTAKE																																	

HAWAII AND PACIFIC
MAY 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KAPA 89.2	A	15.63	x	x	4.95	1.12	.01	.38	.21	x	x	.23	.12	.48	.69	.41	x	x	.09	.27	.74	.70	x	x	2.43	.17	.97	.39	.17	x	x	.79
KOHALA MISSION 175.1	A	1.83	.08	x	x	.03	T	.06	.09	x	.02	T	.04	.18	.40	.05	T	.03	.06	.08	.28	.25	.02	.07	.25	.02	.07	.25	.02	.07	.25	.02
KOIHAE LOWER 196	A	2.87	x	x	x	x	x	x	.74	x	x	x	x	x	x	1.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
KONA (KAILUA) 68.3	A	2.87	x	x	.26	.02						.30	.07	.10	x	x	x	x	.55	.05	.11	.07	x	x	.10	1.24	.04	.25	.02	.04	.25	
KONA VILLAGE 93.8	A	1.06	.03	T																.14				.04								.54
KUKAIUA 222	A	3.38	1.58	.07	.04	.03			.01	.03	.03	.17	.22	.08	T				.04	.15	.64	.12	.05	.02	.04	.02	.04	.02	.04	.02	.04	
KUKUIHALE HIC 199	A	1.80	.72	.10	.03	.02		.02	.05	.04	.09	.15	.17	.02			.04			.04	.11	.15	.06	.12	.05	.02	.04	.02	.04	.02	.04	
KUKUIHALE MILL 206	A	1.29	x	x	.67	.01			.01	x	.03	.15	.16							.12	x	x	.14	.12	x	x	.14	.12	x	x	.14	
KULANI CAMP 79	A	6.11	.70	.10	1.20	.09			.01	x	.01	.05	.10	.04				.02	.07	.29	.33	.56	.42	.22	.30	.55	.65	.11	.08	.08	.12	
KULANI MAUKA 78	A	.94	.06	.40	.01	.02	.07	.05												.08	.03	.01	.13	.02	.05	.01						
KULANI SCHOOL SITE 78	A	4.94	2.65	x	x	x	x	x	.69	x	x	x	x	x	.24	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
LANIKUA 68.2	A	8.18	.29	.10		.02	.06	.28	.02	.24	.11	.41	.02	.11	.91	.25	.06	.66	.40	.09	x	x	x	x	x	x	x	x	x	x	x	
MAKAHALAU 103	A	.76	x	x	.15	.06	.02	.06	.28	.02	.24	.11	.41	.02	.11	.91	.25	.06	.66	.40	.09	x	x	x	x	x	x	x	x	x	x	
MAUKA 2	A	2.46	x	x	.19	.06	.02	.06	.28	.02	.24	.11	.41	.02	.11	.91	.25	.06	.66	.40	.09	x	x	x	x	x	x	x	x	x	x	
MAUNA KEA OBS 111.2	A	.30	x	x	.30						.50	x	.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MAUNA LOA SLOPE OBS	A	.66	.59			.05			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MIDDLE HOLUALOA 68.1	A	5.84	x	x	1.74	x	x	x	x	x	x	1.06	x	x	x	x	x	x	.84	x	x	x	x	x	.71	x	x	x	x	x	x	
MIDDLE PEN 147.1	A	1.22	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MOAULA 18	A	.50																														
MOUNTAIN VIEW 91	A	12.18	2.01	.06	.43	.55	.02	.20	.15	.05	.02	.23	.14	.13	.60	.45	.02	.11	.16	.38	.74	1.38	.75	.36	.57	.72	.33	.45	.37	.78	.02	
NAALEHU 14	A	1.15	x	x	.30	T			.08	x	x	.11																				
NAPOOPOO 28	A	6.19	x	x	1.77	x	x	x	x	x	.14	x	x	x	x	x	x	x	.59	x	x	x	x	x	.10	.01	.20	.05	x	x	x	
OKALA 223	A	4.08	.95	.11	.02	.25	T	.01	.15	.02	.01	.09	.01	.11	.58	.08	.01	.10	.08	.30	.02	.08	.36	.61	.20	.04	.15	.07	.16	.07	.05	
OPHIHALE 2 24.1	A	3.56	.14	.11	.22	.32	.08	T	.15	.02	.01	.09	.01	.11	.58	.08	.01	.10	.08	.30	.02	.08	.36	.61	.20	.04	.15	.07	.16	.07	.05	
ORCHID LAND EST 91.5	A	10.38	x	x	x	x	x	x	3.48	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAHAU 217	A	1.64	.98	.01	.02				.01		.02	.13	.01	.13	.04																	
PAHAU 221	A	3.01	1.78	.04	.03	.01		.01	.17	.18	.04	.17	.18	.04																		
PAHAU 21	A	.60	x	x	.29	T			.01		.01	.13	.04																			
PAHAU 65	A	8.86	.85	.05	.41	.12	.06	.31	.12	.08	.05	.32	.11	.14	.11	.34	.11	.40	.09	.31	.49	.72	.90	.42	.20	.42	.37	.16	.37	.27	.56	
PAHAU 37	A	1.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PAPAIAHU 144.1	A	7.35	x	x	1.54	.35	.06	.07	x	x	.14	.20	.06	.35	.08	x	x	.27	.01	.31	.37	.64	x	x	1.28	.04	.21	.46	.17	x	x	
PAPAIAHU MAUKA 140.1	A	12.18	x	x	1.80	.95	.25	.18	x	x	.29	.26	.20	.62	.45	x	x	.16	.01	.12	.72	.83	x	x	2.96	.07	.74	.67	.20	x	x	
PIIOMUA 88	A	17.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
POHAKA 220.6	A	.00																														
POHAKULA 107	A	.00																														
PUU KIME 120	A	.07	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LAU 102.1	A	1.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU LEHA 73	A	1.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
PUU MALI 113	A	2.81	x	x	1.93							.36			x	x		.03														
PUU WAHAA 94.1	A	14.78	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
SADDLE ROAD 1 84	A	1.75	1.20	x	x	x	x	x	.45																							
SOUTH KONA 2.31	A	1.75	1.20	x	x	x	x	x	.45																							
SOUTH POINT CORRAL 3	A	1.75	1.20	x	x	x	x	x	.45																							
UMIKOA 118	A	.57	.04		.01	.01	.04	T			T	.03	.05	.03	T						.02	.30	T	T								
USOLU POINT USCG 159.2	A	.57	.04		.01	.01	.04	T			T	.03	.05	.03	T						.02	.30	T	T								
WAIKOA SCD 88.2	A	15.52	2.21	.12	.79	.47	.04	.37	.13	.02	.03	.18	.21	.20	.63	.30	.08	.17	.40	.53	.98	1.32	1.49	.51	.48	1.49	.68	.58	.22	.70	.19	
WAIKOLA-BOIS CAS 95.8	A	.02																														

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1976

STATION	TOTAL	DAY OF MONTH																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
K 2 K																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	T			.08	.27		.07			X		.06							.04			.39								.71	X	X	
FAGA AL. RESERVOIR																																	
FALEAYAO VILLAGE	R	19.21	.04	.08			.04	.06	.01	.09	.55	1.02	.12	.08	.04	.92	1.22	1.20				.01	.04	.02	.08	2.25	2.04	8.56	.06	.08	.15	.45	
JOHNSTON WSO AP		4.69			.06	T		T	T	.02	.09	T		.03	.03	T	.11	.22	T		T	.03	.03	T	T		.04	T	.02	.01			
LEONE	R	25.47	.22	.39	.06	.02	.71	.07			.24			.98	4.00	3.55	.01	.01	.03	.21	.21	.83	.92	5.20	.37	2.14	4.92	.32			.06		
FRENCH FRIGATE SHOALS		49																															
MIDWAY SAND ISLAND		2.81	.07	T	T	T		.02	T	.02	T	T	.01	.01	.01	.04	.08	.24	.02	.08	.02	.01	.04	.02	.01	1.05	.72	.14	.08	.02			
PAGO PAGO WSO AP	R	18.98	.02	.07	.12	T	1.00	.58	.01	.02		.57			.64	4.91	1.84	T	.03	.13	.05	T	.01	1.03	1.38	.01	.95	3.28	.14			2.39	
SWAIN ISLAND																																	
K K K																																	
WESTERN PACIFIC ISL.																																	
NORTH OF 12 N																																	
ANDERSEN AFB GUAM		035.18	.07	.30	.56	.20	.20	.30	.65	.04	.03	T	.19	1.06	1.07	.11	.44		T	.04	.29	3.5802.60	3.27	.10	.06	.55	2.20	4.12	3.10	.10	.05	.02	
CLARK AFB LUZON		13.50				1.47	.56	T	.02	T	.17	T	.43	.01	.01		.33	.03	T		1.02	1.42	.76	1.41	9.74	4.71	1.95	2.20	4.12	3.10	.10	.05	
JOHN HAS		24.37	T	.14	.13	1.12	T	.66	T	.03	.13	.11	.65	.05	1.21	.12	.64	.02	.02	.24	3.41	7.91	5.73	T	.15	1.40	.19			T	.11		
JOHN HAS	R	40.13	.02	.58	1.38	.46	.08	.33	.01	.03	.14	.02	.18	1.12	.99	.26	.07	.02	.12	.48	2.9417.59	12.69	.07	.02	.30	.02	.30			.04	.19		
MANGILAG		X			.32	.10	.10	.71	.05	.04	.20	.03	.03	1.50	1.23	1.61	1.16			.02	.05	X	X	X	X	X	X	X	X	X	X	X	
KOTA																																	
SAIPAN USCG																																	
WAKE WSO AP	R	1.29	.09	.01	.25	T		.02			.05	.11	.08	.02	T	.08	T	.09	.03	.28	.06	.01				.11	T					T	
K K K																																	
CAROLINE AND MARSHALL ISLANDS																																	
ANDLER		2.37		.02	.10				.01	.07	.18		.62	.65	.35		.17	1.66	.03	.07	.91	.01				.44			.01	.14			
ENIUEAT		5.07	.11		.10	.14	.09	.52	.06				.47			.03														.05	.08	.30	
FALALOE I. LITHI																																	
KAPINGMARANGI ATOLL																																	
KOROR WSO	R	8.66			.63			.16	.98	.71	.14	.09	1.29	.01	1.52	1.02	.25	.25	.54	.05			T						T	.20	.02	.80	
KUJAEIN MISSILE RM	R	11.03	.28	.32	.15	.12	1.31	T	T	.03	.10	.02	.21	T	.48	1.09	.04	.64	.34	2.76	T	.23	T	.28	.73	.03	.40	T	.83	T	.10	.02	.52
LELE I. KUSAIE	R	15.28	.42	.08	T	1.10	.09	T	T	.98	.10			.60	.06	2.53	.07		T	.05		.03	2.65	1.11	.46	.17	.66	T	.63	.16	.75	.10	.48
MALUUD WSO AP																																	
METALANTH																																	
MOKIL ATOLL																																	
MORASANG BARE TH IAP	R	24.39	.09	.05	1.53	.11	.42	.46	.70	.52	.01	1.33	1.99	1.78	1.72	2.29	.18	.75	1.64	3.52	2.15	.06	.74	.18	.04	.75	.05	T	.21	.85	.24	.11	
PINAPPE WSO																																	
SATAVAN ATOLL	R	28.38	.18	1.12	.14	.10	.05	.83	.14	.36		.09	1.27	1.44		.62	2.46	.24	4.15	8.70	1.74	.40	.17	.46	.60	.52			.06	.31	.34		
TOUK MOEN I. WSO AP																																	
WOLEAI ATOLL																																	
YAP WSO AP	R	12.52	.03		.52	.66	.21	.18	.05			.90	2.25	3.30	.29	.22	.21	.77	.57	.60	.01		.11	.35			1.48	.20	T	T	T	.01	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
HAT 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHULU 1075	MAX MIN	63 46	66 45	67 49	71 54	73 55	70 54	69 47	69 59	70 63	71 47	71 48	71 51	67 53	70 54	68 53	70 54	70 54	70 55	73 55	64 51	64 53	68 58	70 54	70 53	68 50	68 54	68 54	68 55	68 55	70 46	70 47	68 52	68 54
KILAUEA POINT 1133	MAX MIN	77 69	77 68	78 70	79 69	78 69	80 70	79 71	81 72	82 71	81 69	82 71	80 70	83 71	80 69	82 71	82 71	81 70	81 70	80 70	79 69	78 66	77 66	78 69	79 66	79 68	77 69	79 71	79 69	78 70	80 70	79 69	78 69	79 69
KOLOA LN (MAK) 940.1	MAX MIN	78 65	81 67	81 70	82 70	81 68	81 71	83 69	83 65	83 65	82 72	83 70	83 72	82 70	82 71	82 71	83 71	82 69	82 69	82 69	82 68	81 68	81 69	81 68	81 68	81 67	81 68	82 70	80 70	82 69	83 67	81 69	81 69	
LIMUE WSO 1020.1 AP	MAX MIN	80 73	80 74	81 75	81 74	82 73	82 74	80 74	82 74	80 74	81 74	82 75	81 75	83 75	82 75	82 76	82 74	83 75	82 74	82 73	82 71	82 72	82 74	82 70	82 71	82 71	81 71	84 76	82 73	83 74	83 75	83 74	81 73	81 73
MANA 1026	MAX MIN	84 62	82 60	84 60	86 64	85 63	85 66	85 64	85 64	84 63	86 63	84 61	85 62	85 60	86 64	85 65	84 62	84 62	85 65	85 65	86 62	87 66	85 63	85 62	84 66	85 64	85 63	86 59	87 64	85 61	84 63	84 65	84 65	
NIU RIDGE 1035	MAX MIN	79 60	78 59	80 60	81 62	82 62	81 63	80 62	80 61	82 63	81 60	81 61	82 62	82 61	80 62	80 62	80 62	80 62	80 61	80 62	79 61	80 62	81 61	80 60	82 62	80 63	79 62	80 62	80 60	81 61	80 62	80 61	80 61	
WAIHAI LOWER 1054	MAX MIN	76 60	79 60	77 64	78 64	78 64	80 65	78 65	77 65	79 59	80 64	80 64	78 64	80 65	80 62	80 62	78 64	78 63	78 63	77 63	77 63	77 63	76 64	76 64	75 63	78 62	77 62	76 65	77 63	77 63	77 66	77 65	77 65	
ISLAND OF OAHU																																		
ALOHA STADIUM-MALAWA	MAX MIN			80 67	80 68	79 66	80 68	83 68			83 66	81 67	81 68	81 68	81 67		81 66	81 67	82 66	82 66				81 69	81 66	81 67	82 66	82 66			81 67			
B Y U LAIE 903.1	MAX MIN	81 68	81 70	80 70	80 71	80 71	82 71	81 72	81 72	82 72	82 70	82 69	82 69	81 69	82 69	83 68	82 70	81 69	82 69	82 68	81 68	80 68	81 69	81 70	81 71	81 70	82 70	82 71	81 73	82 70	83 68	82 71	81 69	
EWA PLANTATION 741	MAX MIN			84 63	85 64	83 65	84 66	84 66			84 62	85 66	84 65	83 65	85 67		85 64	84 65	84 66	84 66				84 65	82 65	85 65	85 68	85 68			85 64			
HONOLULU WSO 703 AP	MAX MIN	84 66	83 71	84 72	84 71	85 71	86 72	84 70	85 70	85 70	85 72	86 70	84 70	85 72	84 71	85 71	84 70	84 69	85 70	84 69	84 69	84 69	84 69	84 69	85 70	84 71	85 70	85 71	85 73	85 71	86 67	84 70	84 70	
HONOLULU SUBSTA 704	MAX MIN	79 68	79 69	80 71	78 71	79 71	80 70	79 71	79 70	79 71	80 69	79 69	78 69	78 69	78 71	78 69	78 69	78 69	78 69	77 69	77 69	77 68	79 69	79 69	78 70	80 70	80 67	79 69	80 69	80 71	80 70	78 69	78 69	
KANEONE MAUKA 781	MAX MIN	73 67	78 68	77 69	78 68	79 69	78 68	79 69	77 69	82 70	81 71	79 70	78 69	78 70	79 71	78 70	78 71	78 70	80 70	80 69	78 68	78 70	77 68	78 70	77 68	80 70	80 70	78 71	78 68	79 69	80 70	78 69	78 69	
LUALUALEI 804	MAX MIN	80 68	84 70	84 68	83 70	84 70	83 72	83 66	83 66	84 66	87 67	86 70	84 70	85 71	84 63	85 64	84 71	84 66	85 70	84 69	84 68	82 67	83 68	82 71	84 71	83 67	85 70	83 70	82 70	84 68	85 62	84 63	83 63	
MANOA LYON ARBORETUM	MAX MIN	75 61	78 63	78 64	77 64	73 63	78 63	77 63	75 64	79 64	76 63	80 63	75 63	76 64	74 63	74 63	77 63	74 62	76 63	76 63	78 63	72 62	72 62	73 62	74 62	76 63	74 63	78 62	76 62	74 62	73 62	80 61	75 62	
OPAEULA 870	MAX MIN	79 65	80 64	79 62	79 62	80 63	80 64	79 63	79 63	76 62	80 66	80 64	80 63	79 64	79 63	79 64	80 64	80 64	79 64	79 64	80 65	80 65	79 64	79 65	80 65	79 65	80 65	79 65	80 65	80 65	79 64	79 64	79 64	
PRI WAIHAWA 820.2	MAX MIN		83 51	81 55	78 55	82 55	84 55				84 55	83 51	83 51	78 54	80 54		82 54	81 56	82 51	81 50	80 54				80 51	80 54	82 55	84 55	81 54					
WAIALEE 896.3	MAX MIN	79 66	78 70	79 69	78 69		80 68	80 69	80 69	79 69	79 67	81 70	80 68	80 65	79 69	79 69	81 68	81 68	80 68	79 68	80 68		79 66	80 69	79 66	80 69	80 69	80 69	81 70	80 69	80 68	81 68	79 69	
WAIALUA 847	MAX MIN	77 65	84 63	82 62	82 60	79 62	83 63	84 61	83 64	83 61	83 63	84 65	80 67	82 62	80 62	82 62	82 62	81 62	82 63	82 63	82 63	80 63	79 65	80 62	81 61	83 65	81 63	83 65	84 64	82 62	81 64	84 62	81 63	
WAIKIKI 717.2	MAX MIN	82 65	84 68	82 68	86 69	84 68	84 68	85 68	84 66	85 66	85 69	85 67	85 67		85 68	84 68	84 68	84 68	84 68	84 68	82 67	83 68	84 68	84 68	83 68	85 68	85 68	84 65	85 68	84 65	85 65	84 65	84 65	
WAIMANALO EXP FARM	MAX MIN	78 68	77 67	78 69	79 69	79 68	80 69	81 70	81 69	80 70	81 70	81 69	80 69	82 70	81 70	81 70	80 69	81 70	81 70	81 70	80 69	80 69	80 68	79 67	79 69	80 70	79 68	81 69	81 70	82 71	80 69	82 69	80 69	
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN																																	
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN		74 63		74 62	73 64	76 64	75 62			74 63	76 64	76 64	75 63			76 65	74 62		76 63	75 64				76 63	75 64	76 65	75 64				76 63		
ISLAND OF MAUI																																		
HALEAKALA R5 338	MAX MIN	54 39	58 43	63 45	60 46	63 42	66 48	71 47	72 42	70 49	69 49	70 58	62 43	69 47	68 50	69 43	62 38	61 42	62 42	64 43	62 42	62 41	63 38	58 44	57 37	56 36	59 39	60 42	59 42	62 45	61 39	63 41	63 43	
HALEAKALA SUMMIT 338.4	MAX MIN																																	
MANA AIRPORT 355	MAX MIN	75 63	78 69	77 68	80 66	79 65	78 68	79 68	80 68	79 65	80 69	81 66	81 67	79 68	68 60	80 66	80 56	78 56	80 56	85 65	79 67	79 66	79 66	80 66	80 65	80 68	80 67	80 67	79 66	80 67	79 66	80 67	79 66	
KAAHAPALI AP 453.1	MAX MIN	77 60	81 66	79 64	83 68	80 63	83 64	82 64	81 66	82 65	82 67	82 67	82 66	82 69	82 68	82 68	82 63	82 65	82 66	82 67	82 67	81 66	81 65	80 65	80 65	82 64	83 64	82 68	82 69	82 67	82 63	81 63	81 63	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MAY 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAHILU WSO 398 AF	MAX MIN	82 63	81 68	85 62	83 69	84 65	86 63	86 62	83 70	84 68	85 66	82 69	83 69	83 69	85 69	83 65	85 69	83 67	82 68	82 68	82 68	83 68	84 70	84 65	85 60	86 60	84 69	83 68	84 62	86 60	86 60	83.8 66.1	
KAILUA 446	MAX MIN			74 60	75 65	75 65	75 64	75 65			77 67	76 64	75 65	75 64	75 63		75 63	76 63	72 67	75 67	75 66			75 62	74 62	76 66	76 63	76 65					
KEHAWAHO BEACH 260.2	MAX MIN	84 61	82 58	81 64	81 64	85 65	83 60	86 63	86 64	88 65	84 61	85 64	84 63	84 65	86 68	85 62	85 61	86 62	85 63	87 63	83 62	85 63	84 62	86 62	87 63	86 61	84 62	85 62	89 60	87 62	84 62	84.9 62.6	
KULA SANATORIUM 267	MAX MIN	68 58	70 57	70 58	70 56	71 56	72 56	68 58	70 57	70 56	71 55	72 56	69 58	73 58	72 60	78 57	68 57	73 55	72 57	73 56	73 58	70 57	73 59	73 58	73 58	70 57	74 58	72 58	73 59	70 60	72 58	71.4 57.4	
LAHAINA 361	MAX MIN	82 63	82 67	84 67	84 66	82 65	83 66	84 65	83 69	85 65	85 67	86 68	84 65	83 66	85 68	85 65	84 66	84 65	86 66	86 66	85 65	85 65	84 65	85 65	83 65	84 65	85 65	85 66	84 65	84 65	84 65	84.1 65.9	
HAUUKU 386	MAX MIN			78 65	80 68	77 68	78 68	81 67			82 68	81 69	77 68	79 69	79 69		79 68	79 68	79 69	79 68	79 68				80 68	79 67	80 68	79 69	80 68			80 64	
ISLAND OF HAWAII																																	
HAWAII VOLCANO NP HQ 54	MAX MIN	64 52	63 51	60 51	65 52	68 49	67 52	69 54	69 53	70 49	69 52	70 50	68 51	67 49	65 51	66 49	68 50	68 49	67 50	67 50	67 50	65 50	64 49	61 50	63 50	64 50	63 50	66 49	69 52	67 49	66.0 50.5		
HUO WSO 87 AF	MAX MIN	77 67	77 66	76 66	80 67	78 64	81 68	81 67	78 69	80 66	82 66	79 65	79 66	80 67	81 67	81 66	81 66	80 66	79 67	78 68	78 67	80 67	79 67	76 66	79 67	80 67	79 67	79 66	77 66	78 66	79.3 66.6		
KAINALIU 73.2	MAX MIN	72 59	70 62	71 61	73 61	75 59	75 63	74 62	70 62	74 61	75 63	76 60	74 62	71 61	73 59	73 61	74 59	73 59	74 60	75 59	74 60	75 59	74 58	75 60	73 59	73 58	74 59	75 58	74 59	74 58	73.4 60.2		
KAMUELA 192.2	MAX MIN	68 56		69 57	70 58	69 58	65 58	70 57			75 57	72 57	69 57	69 57	69 57		71 57	71 58	69 57	69 56	69 56				70 57	71 58	72 58	72 57	70 57				
KEAAU 92	MAX MIN	75 63	76 64	76 64	76 65	78 62	77 62	79 64	79 65	79 64	79 63	81 63	80 64	78 65	79 64	79 63	80 62	80 63	80 63	78 64	78 64	76 64	78 63	75 63	74 62	77 64	78 64	75 63	77 62	78 64	77.7 63.5		
KEALAKEUA 2 28.7	MAX MIN																																
KOHALA MISSION 175.1	MAX MIN	75 63	77 65	74 67	79 65	77 66	78 65	77 65	76 65	78 65	78 66	78 65	77 64	76 65	77 65	78 65	78 64	78 65	77 64	77 65	77 63	75 63	75 63	77 63	77 63	78 63	78 65	77 65	78 65	75 65	78 63	77.0 64.7	
KONA (KAILUA) 68.3	MAX MIN			80 67	79 68	80 68	81 71	79 72			81 68	80 68	84 68	82 68	80 68		79 64	78 67	80 67	80 68	80 65			82 68	80 65	80 65	80 65	81 67					
KULANI CAMP 79	MAX MIN	58 50	65 52	55 47	60 47	63 42	63 42	62 46	66 44		67 44	67 41	63 47	61 47	60 47		60 43	62 45	62 47	61 47	60 46			60 48	65 42	53 47	56 47	59 48	55 48	56 47	60 43	60.9 46.4	
MAUNA LOA SLOPE OBS	MAX MIN	45 31	42 34	45 34	50 32	52 35	50 36	52 34	52 32	54 32	60 38	54 38	53 37	55 36	54 33	51 33	51 32	54 31	52 32	52 32	51 32	47 30	45 32	50 36	51 36	48 32	49 31	52 32	54 34	49 37	50.9 33.7		
MOUNTAIN VIEW 91	MAX MIN	71 59	70 59	70 59	69 60	75 58	71 60	73 61	76 59	76 59	76 59	75 59	72 60	71 60	76 57	76 57	77 58	76 60	73 60	73 59	72 59	73 58	73 58	68 59	73 60	75 60	75 60	69 59	75 59	74 58	74 58	73.4 58.9	
NAALEHU 14	MAX MIN				78 62	76 64	79 58	75 65	76 65		79 62	79 63	77 62	80 66	74 66		80 60	76 61	80 65	78 65	79 64			79 63	76 59	78 64	77 65	77 63	80 63			80 59	
ONAKA 223	MAX MIN	76 64	74 65	73 68	79 62	76 65	77 66	78 67	76 65		79 64	77 66	76 65	79 65	77 64	78 65	78 68	79 67	78 65	79 65	78 63	77 64	77 63	78 64	78 63	79 64	78 63	76 64	78 65	78 67	77.4 65.1		
OPIHIHALE 2 24.1	MAX MIN	73 60	71 60	71 60	74 59	75 62	73 60	75 63	75 60	75 60	78 63	75 60	77 60	76 61	73 60	73 58	76 60	75 60	72 58	76 60	74 60	76 58	78 58	75 59	74 59	75 58	74 58	76 59	75 58	77 60	74.7 59.3		
PAAHOLA 21	MAX MIN			76 61	77 60	79 59	76 60	76 62			78 59	79 59	77 60	79 61	76 62		78 59	77 60	79 60	78 61	82 60				80 63	77 60	76 62	75 59			79 60		
SOUTH KONA 2-31	MAX MIN																																
UPOLU POINT USCG 159.2	MAX MIN	78 65	79 66	77 68	81 67		80 67	81 66	82 67	82 67	82 68	83 68	82 66	81 66	82 67	82 67	82 68	81 66	82 67	81 66	81 65	79 65	80 66	82 67	82 65	83 68	82 69	82 67	80 67	82 67	83 66	81.2 66.7	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
MAR 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	88 77	89 76	89 76	87 78	89 77	88 78	87 79		88 76	88 76	88 75	87 76	88 78	89 77		91 75	88 76	88 76	88 74	87 74	88 76	88 74	88 76	88 76	88 76	88 76	87 76	89 76				88.0 76.4
JOHNSTON WSO AP	MAX MIN	81 74	80 75	79 75	81 73	81 76	82 74	81 73	81 73	82 74	80 71	80 75	82 75	81 72	81 73	82 74	80 72	81 76	81 76	79 76	81 74	79 74	81 74	82 74	83 76	82 76	82 76	82 75	82 75	82 76	82 76		81.2 74.3
LEONE	MAX MIN	88 78	89 78	89 78	91 82	88 81	89 78	89 78	91 79	88 80	86 78	89 80	90 82	83 75	83 77	84 79	89 78	90 79	84 79	89 80	89 77	85 76	83 77	84 74	83 77	78 77	79 74	87 78	89 79	90 78	88 78	86.9 78.3	
FRENCH FRIGATE SHOALS	MAX MIN	79 61	80 67	80 67	83 68	84 68	83 67	84 67	85 67	76 62	79 74	77 70	91 71	89 75	87 73	84 66	84 66	79 69	79 68	82 66	81 64	79 62	82 64	80 69	80 69	81 71	81 71	79 70	80 71	81 72	83 72	81.7 68.6	
MIDWAY SAND ISLAND	MAX MIN	76 68	74 67	77 68	77 68	77 70	79 70	76 68	77 66	78 66	74 67	75 66	77 69	78 70	78 69	78 68	76 67	75 64	78 64	78 70	78 70	78 70	78 72	78 72	74 68	74 66	77 68	78 71	79 72	79 71	82 70	77.1 68.5	
PAGO PAGO WSO AP	MAX MIN	87 72	86 74	86 78	87 77	88 73	86 73	87 75	87 75	86 74	83 75	85 72	87 69	86 73	81 74	82 73	84 72	86 72	86 72	85 72	85 73	84 72	85 70	84 74	82 71	81 74	81 73	86 72	88 71	87 72	85 71	85.2 72.9	
SWAIN ISLAND	MAX MIN																																
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	83 75	85 75	81 75	82 76	82 74	83 77	81 77	82 76	82 74	81 74	82 75	81 75	82 73	82 77	83 77	83 76	84 76	81 77	79 76	77 71	77 73	79 74	82 76	81 75	83 75	82 74	82 73	82 76	82 77	82 77	82 76	81.8 75.4
CLARK AFB LUZON	MAX MIN	97 75	97 72	95 79	93 75	93 75	90 79	90 75	90 75	91 75	93 75	91 75	93 75	91 75	91 75	93 75	93 75	95 75	90 72	84 75	88 72	88 75	84 73	77 72	75 72	75 70	75 73	82 72	84 73	90 72	88 74	88.2 74.3	
GUAM NAS	MAX MIN	84 74	84 75	83 75	83 75	85 77	84 76	84 77	84 74	84 76	86 76	85 75	85 75	85 76	86 79	86 77	85 77	85 74	81 76	85 74	85 77	81 76	85 79	85 76	86 79	86 77	86 77	88 78	87 78	85 79	87 79	84.6 76.5	
GUAM WSO	MAX MIN	85 69	88 73	85 74	86 74	86 73	86 75	86 73	85 74	86 75	84 75	84 73	84 75	85 72	84 71	85 72	86 75	86 74	85 75	83 74	79 71	77 70	83 76	85 77	86 76	86 73	86 70	88 74	87 70	87 72	86 73	85.0 73.2	
SAIPAN USCG	MAX MIN																																
WAKE WSO AP	MAX MIN	85 74	85 72	84 69	85 75	85 74	85 71	84 74	84 71	81 71	84 72	85 70	86 70	85 72	86 75	85 71	86 75	85 72	85 73	85 74	85 74	85 74	86 74	86 75	85 75	84 75	86 75	84 76	86 74	87 77	88 77	86 75	85.2 73.3
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	85 69	85 74	86 77	81 75	84 76	84 76	85 76	86 76	85 76	86 76	86 76	86 77	86 77	85 76	86 76	84 76	84 77	85 77	87 77	87 77	87 76	88 76	88 76	86 77	87 76	87 77	87 76	86 77	86 76	86 77	85.5 75.8	
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	90 75	90 76	91 77	90 76	91 78	89 77	90 76	89 74	88 76	90 76	87 72	85 74	87 72	82 75	87 75	88 78	88 76	90 76	87 79	89 80	90 80	88 79	89 79	90 77	88 76	89 75	90 76	88 75	89 76	89 76	88.6 76.4	
KWAJALEIN MISSILE CGN	MAX MIN	86 77	85 77	84 75	85 74	85 74	86 80	86 79	87 78	86 75	85 79	86 75	87 79	81 74	85 77	83 75	86 77	83 74	86 79	88 76	86 79	86 78	87 78	81 76	85 79	85 78	86 76	87 77	86 79	86 77	87 75	85.5 76.6	
LELE I. KUSAT	MAX MIN																																
MAJURO WSO AP	MAX MIN	86 76	83 73	83 75	84 74	86 74	86 79	87 78	84 73	85 73	86 76	87 79	86 76	85 73	81 72	86 74	85 75	85 77	85 78	85 76	84 72	87 73	85 74	85 77	85 74	86 77	84 72	86 74	86 76	85 75	84 75	84.9 75.0	
METALANIM	MAX MIN																																
PONAPE WSO	MAX MIN	90 75	90 72	89 74	90 72	88 75	87 75	90 73	84 74	81 74	88 74	86 73	87 74	84 72	87 73	87 73	89 71	84 72	82 72	84 72	86 72	88 73	89 76	89 75	89 73	89 70	89 73	89 75	90 72	90 72	83 73	87.3 73.1	
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	88 77	89 74	88 76	88 79	88 77	86 77	86 76	83 75	87 75	87 76	87 75	85 75	87 79	83 73	85 75	83 75	83 74	80 74	84 74	83 77	85 77	86 74	88 77	86 75	88 76	88 77	88 79	88 75	86 75	88 74	86.1 75.7	
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	89 76	88 74	88 73	88 71	87 70	89 75	87 75	88 73	89 75	83 74	86 74	84 72	86 74	87 76	87 75	84 74	85 71	87 74	88 75	87 76	88 76	88 76	88 76	88 76	88 76	88 76	89 76	89 75	88 77	88 74	87.3 74.6	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MAY 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																		
ISLAND OF KAUAI																																		
THREE ASD 1020.1 AP	EVAP	.45	.24	.31	.33	.28	.24	.33	.28	.34	.32	.30	.43	.31	.30	.31	.35	.33	.36	.38	.34	.32	.35	.29	.56	.47	.34	.22	.29	.33	.33	.37	10.40	
	WIND	175	165	175	196	172	162	138	145	142	151	162	194	212	187	166	169	221	202	179	204	241	231	233	211	153	135	200	222	236	165	135	5699	
	MAX	82	82	82	83	83	85	86	86	86	85	86	85	82	84	83	84	83	85	86	84	81	81	82	83	82	83	81	81	82	82	85	83.4	
	MIN	57	57	57	57	57	56	61	63	60	60	61	62	61	61	61	61	62	62	63	63	62	62	61	61	60	60	61	61	61	62	62	60.5	
ISLAND OF OAHU																																		
HONOLULU OBSERV 702.2	EVAP	.41	.23	.30	.25	.38	.45	.30	.25	.36	.45	.27	.32	.44	.45	.30	.28	.33	.30	.38	.30	.30	.32	.41	.38	.30	.45	.33	.45	.43	.30	.38	10.80	
	WIND	34	25	28	39	41	42	31	32	27	39	30	27	53	45	32	32	31	43	41	38	50	51	55	48	30	35	46	55	51	34	29	1194	
	MAX	93	82	91	91	92	93	92	85	91	96	92	92	91	91	90	90	90	93	92	92	92	91	91	92	86	92	93	92	92	92	95	91.2	
	MIN	65	65	67	67	68	69	68	72	67	66	68	69	69	68	67	69	68	69	68	68	69	63	67	66	67	68	69	69	67	68	67	68	67.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
MAY 1976

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.38	.40	.40	.41	.38	.42	.37	.26	.15	.31	.26	.36	.37	.40	.32	.34	.35	.32	.41	.32	.29	.38	.41	.36	.38	.44	.38	.37	.33	.38	.34	10.99
	WIND	225	250	270	269	248	239	243	227	205	184	180	216	224	226	164	138	200	254	303	278	209	205	238	233	189	218	244	267	209	204	190	6949
	MAX	86	86	83	85	85	86	86	85	85	89	86	87	87	88	89	90	86	84	82	79	86	85	85	87	87	86	86	83	86	86	88	85.8
	MIN	67	68	68	68	68	68	68	68	69	68	68	68	68	68	68	68	67	68	67	67	68	72	68	69	69	69	68	69	68	68	68	68.2
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.23	.27	.28	.21	.20	.26	.20	.25	.36	.28	.20	.21	.11	.35	.31	.30	.30	.28	.27	-	-	-	-	.10	.17	.05	.23	.19	.24	.30	.27	7.378
	WIND	36	49	70	99	109	117	154	130	158	189	175	196	210	218	227	153	147	39	254	185	921	173	112	76	24	36	50	62	56	93	4518	
	MAX	93	94	87	90	89	86	85	85	86	83	85	81	83	84	85	85	86	86	81	78	-	75	87	87	86	86	88	92	91	90	88	86.1
	MIN	69	71	70	69	69	71	70	69	69	69	70	71	70	68	70	69	67	68	70	58	-	70	71	71	70	69	68	68	69	70	69	69.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	280				C	LIHUE PLANTATION CO LTD
ELEELE 927	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPU 145	2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	7A			C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALA 1112	3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOA RES 1137	4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			CLOSED 4/1/76
KUKULULA 935	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A	5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHUEA-KAUAI 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			CLOSED 4/29/76
MAKAWILI 965	5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
MAM 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	6565	03	WAIIMEA	3	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIHAWA 930	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHIIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	0300	01	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV NATL WEATHER SERVICE NATL WEATHER SERVICE D O W A L D MRS. MILLIE ZAPATA U S AIR FORCE WAIHOLE WTR CO LTD KAILUA FIRE STATION GRADEN HARGER BOARD OF WTR SUPPLY
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID			
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID			
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		WI			
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800		WI			
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			
KANEOME MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A		STATE HOSPITAL KAMEHAMEHA SCHOOLS WAIALUA SUGAR CO. INC. WAIALUA SUGAR CO. INC. C & F OFFICER HEOG PUBLIC WORKS DEPT U S NAVY MILNOR LOM HAROLD ROBERTS CAPITAL INVESTMENT CO.	
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240					
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A		NEAL ADAMS MRS. JOHN H. BEAUMONT LYON ARBORETUM BOARD OF WTR SUPPLY EXP. STA. H.S.P.A. JOHN A. ROXBURGH CHESTER T. KAINUMA FEDERAL AVIATION ADM BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY	
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A				
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		WAIALUA SUGAR CO. INC. D L GRUBB CC DEPT PKS RECREATION BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY CLOSED 4/30/76 PINEAPPLE RESEARCH INST MARK TAYLOR NAT MEM CEMETERY JACK N. WHEELER	
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20					
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				SEA LIFE PARK BOARD OF WATER SUPPLY R. E. WHITE DEPT OF GEOSCIENCE W B RUTHERFORD WAIALUA SUGAR CO. INC. WAIHOLE WTR CO LTD SPENCER TINKER WAIALEE LIVESK RES FARM WAIALUA SUGAR CO. INC.	
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			
WAIALEE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A			
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A		BEN MAYES MOUNTAIN VIEW DAIRY WAIHOLE WTR CO LTD WAIHOLE WTR CO LTD HONOLULU ZOO WAILUPE VALLEY SCHOOL WAIMANALO EXP FARM WAIMANALO EXP FARM WAIALUA SUGAR CO. INC. WAIHOLE WATER COMPANY	
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID		BOARD OF WTR SUPPLY	
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A		KALAUPAPA SETTLEMENT MOLOKAI RANCH LTD MOLOKAI GENERAL HOSP. MOLOKAI RANCH. LTD.	
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
KUA APUI 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION MOLOKAI RANCH COMPANY ALOHA AIRLINES MISS MIRIAM DAVIS PUU O HOKU RANCH MOLOKAI RANCH COMPANY
MAUNALO A 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	
WAIKALU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY DOLE COMPANY HAWAIIAN AIR DOLE COMPANY LANAI COMPANY LANAI COMPANY LANAI COMPANY KOELE COMPANY
KAUMALAPU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAUER 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	
WAIKAKEKUA 685	A 5021	01	LAHAINA	1	20 47	156 52	2000		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO. MAUI LAND-PINEAPPLE CO U OF H AGRIC EXP STA HALEAKALA RANCH CO HALEAKALA NAT PARK LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO HAWAIIAN COM & SUG CO HARRY HASEGAWA
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	
HALIIMAIL 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES KOALI RANCH HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO HALEAKALA RANCH CO STATE DIVISION OF PARKS AMFAC PROPERTIES INC EDWARD CHANG
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1514	04	LAHAINA	4	21 01	156 38	125				S	
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	
KANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULUA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD NATL WEATHER SERVICE E MAUI IRR CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD KAUPO RANCH HAWAIIAN COM & SUG CO E MAUI IRR CO LTD A. L. CORELL HAWAIIAN COM & SUG CO
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAUWALA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	A 4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC U H AGRICULTURE EXP STN MAUI LAND-PINEAPPLE CO KENNETH WILLEY KULA SANATORIUM PIONEER MILL CO LTD PIONEER MILL CO LTD PIONEER MILL CO LTD E MAUI IRR CO LTD PIONEER MILL CO LTD
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		WI			
LAUNIUPOKO VILLAGE 372A	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPU UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO EAST MAUI IRRIGATION CO PIONEER MILL CO LTD E MAUI IRR CO LTD HAWAIIAN COM & SUG CO KAUPO RANCH CO. WAILUKU SUGAR CO STATE DIV OF FORESTRY E MAUI IRR CO LTD
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER		
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)			
ISLAND OF MAUI														
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27						S	HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160		7A				
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			C	HAWAIIAN COM & SUG CO KAONOLU RANCH
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR				
UKULELE 333		8744	01	MAKAWAO	1	20 48	156 15	5230		M0			C	HALEAKALA RANCH CO PIONEER MILL CO LTD
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A				
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A			C	ULUPALAKUA RCH CO LTD PIONEER MILL CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A				
WAIHEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			C	WAILUKU SUGAR CO WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A				
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		M0			C	E MAUI IRR CO LTD EAST MAUI IRRIGATION CO
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR				
WAIKAPU 390	A	9376	03	WAILUKU	3	20 51	156 31	370		6A			S	WAILUKU SUGAR CO EAST MAUI IRRIGATION CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630						
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			C	WAILUKU SUGAR COMPANY HALEAKALA RANCH CO
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C				
ISLAND OF HAWAII														
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		M0			C	W.H. GREENWELL RANCH NAT HISTORICAL PARK
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A				
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	461		8A			C	HONOKAA SUGAR CO MAUNA KEA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A				
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		M0			C	HAWAII NAT PARK KUKAIIAU RANCH CO
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		M0				
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		M0			C	MAUNA KEA OBSERVATORY HAWAII NAT PARK
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A				
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		6A			C	K L BOND REX WILLS II
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1600		7A				
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	M10	M10			C	J NATL WEATHER SERVICE STATE DIV OF FORESTRY
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		M0				
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			C	CAPT COOK CATTLE CO SID WEINRICH
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040						
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			C	SHIGETO L TANAKA MAUNA KEA SUGAR CO
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A				
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A			C	MAUNA KEA SUGAR CO STATE DIV OF FORESTRY
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		M0				
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		M0			C	STATE DIV OF FORESTRY HUEHUE RANCH
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A				
KAAHA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340					C	KAU SUGAR COMPANY, INC CAPTAIN COOK COFFEE CO.
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A				
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700					C	RUSSELL P. SMITH KONA EXPERIMENT STA
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A				
KALAOA 69.22		2887	04	HAWAII	4	19 44	155 59	2000		8A			C	FLOYD W MC COY HAWAII VOLCANOES NAT PK
KALAPANA 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR				
KAMAOA 2 5	A	3048	03	KAU	3	19 02	155 40	1375		W1			C	PARKER RCH-KAPAPALA DIV PARKER RANCH
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A				
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			C	PARKER RCH-KAPAPALA DIV DEPT OF PUBLIC WORKS
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR				
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		W1			C	HONOKAA SUGAR CO PUNA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A				
KEAIIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700					C	KAU SUGAR COMPANY, INC CLOSED 8/20/74
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450						
KEALAKEKUA 2 28.7		3980	04	S KONA	4	19 30	155 55	1450	8A	8A			C	MRS LILAH MEIER STATE DIV OF FORESTRY
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280						
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		M0			C	STATE DIV OF FORESTRY MAUNA KEA SUGAR CO.
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		W1				
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			C	K. LYMAN BOND HONOKAA SUGAR CO
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		W1				
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A			C	STANDARD OIL CO OF CAL KONA VILLAGE RESORT HTL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A				
KUKAIIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			C	LAUPAHOEHOE SUGAR CO HONOKAA SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A				
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			C	HONOKAA SUGAR CO ST DEPT OF SOCIAL SER
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A				
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		W1			C	MAUNA LOA OBS. ST DEPT OF SOCIAL SER
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		W1				
LALAMILLO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615					C	STATE DEPT OF L&N RES KONA EXPERIMENT STATION
LANIHAW 68.2		5330	04	N KONA	4	19 40	155 58	1530		7A				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKANAHI 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MORULA 18	6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHAE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN
ORCHID LAND EST 91.5	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAUULO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUNAN SUGAR COMPANY
PAKAO 37	7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUU KIHE 120	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
CLOSED STATIONS												
ISLAND OF KAUAI												
KOLOKO RES 1137	4758	01	KAWAIIHAU	1	22 11	159 23	650		8A			CLOSED 4/1/76
MAKAHUEA-KAUAI 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			CLOSED 4/29/76
ISLAND OF OAHU												
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			CLOSED 4/30/76
ISLAND OF HAWAII												
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450				C	CLOSED 8/20/74
NEW STATIONS												
ISLAND OF OAHU												
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			D L GRUBB
ISLAND OF HAWAII												
KEALAKEKUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
MAY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALERSAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGUL IMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- +/- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- * DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

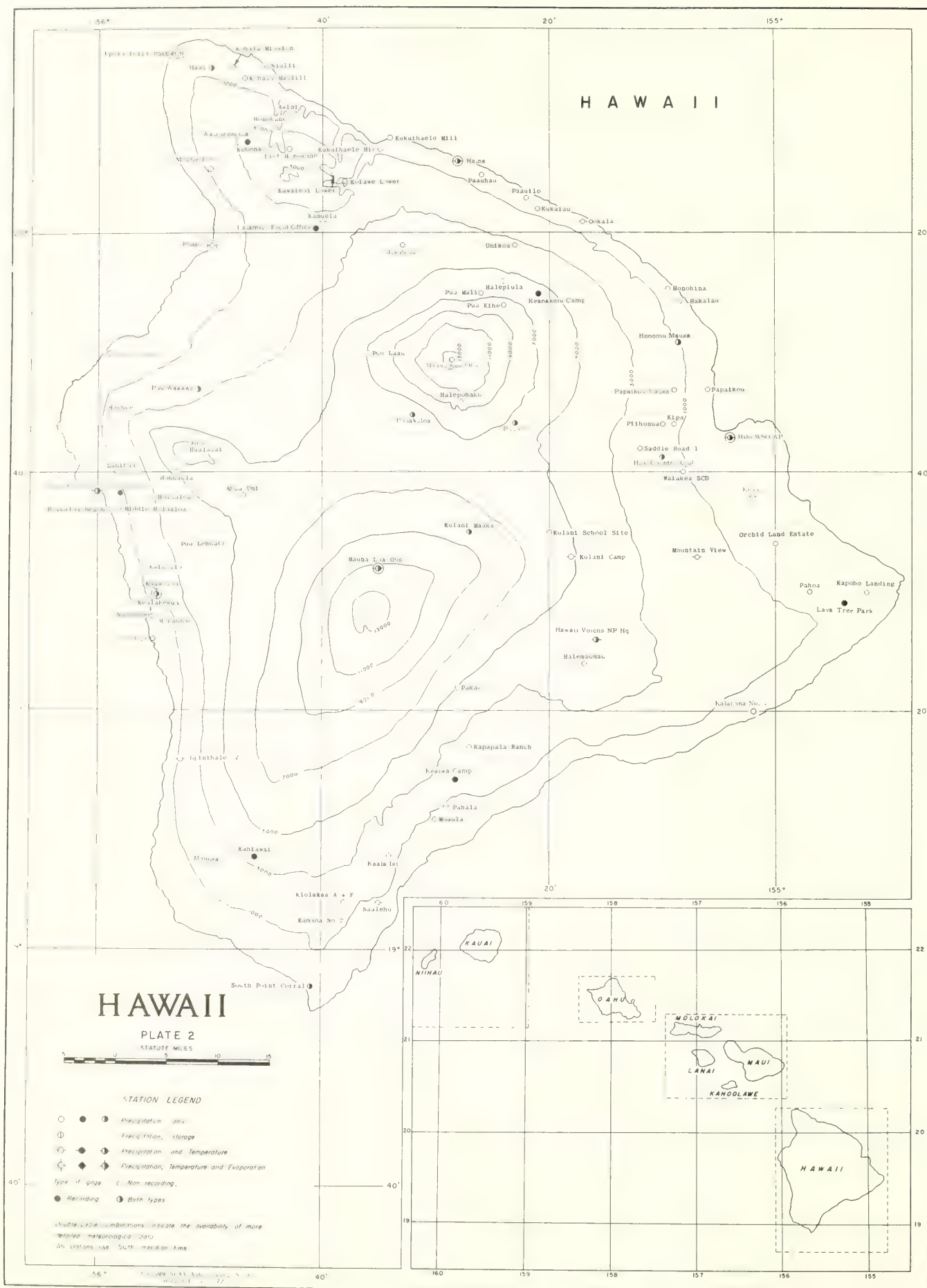
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

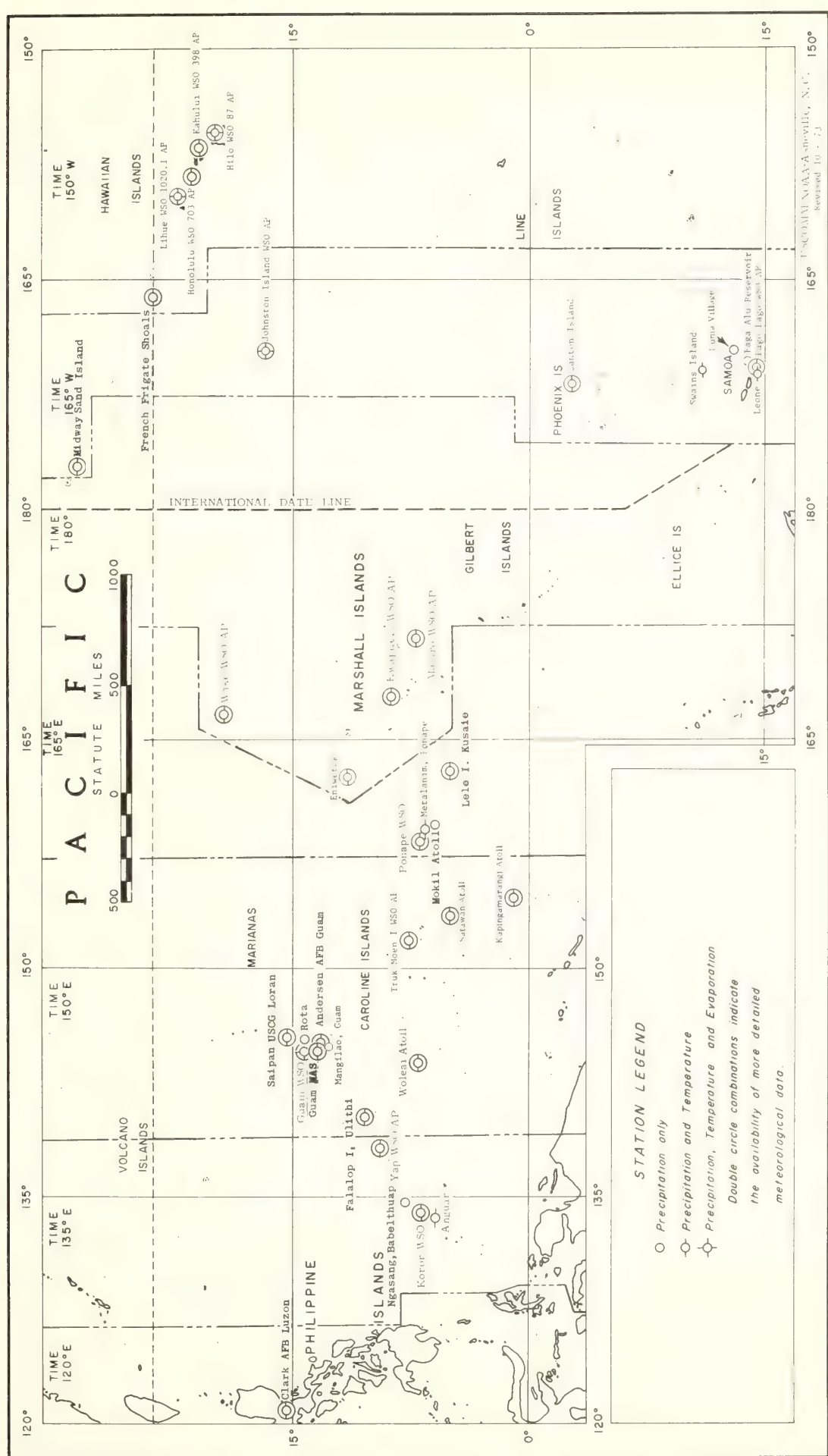
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

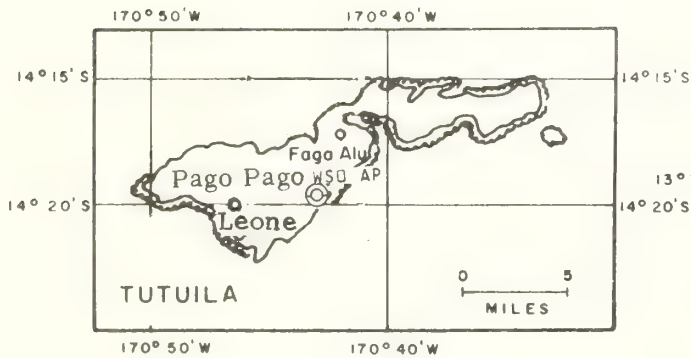
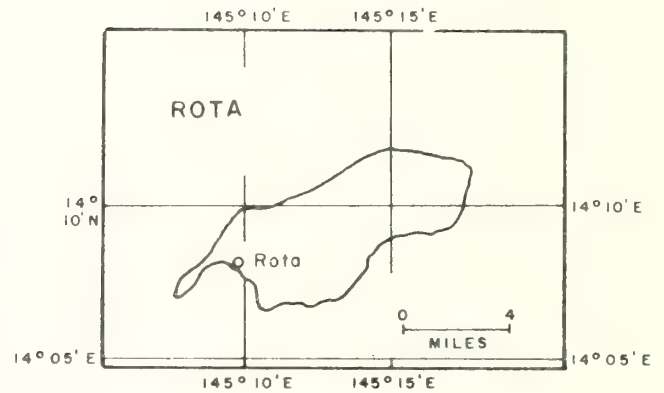
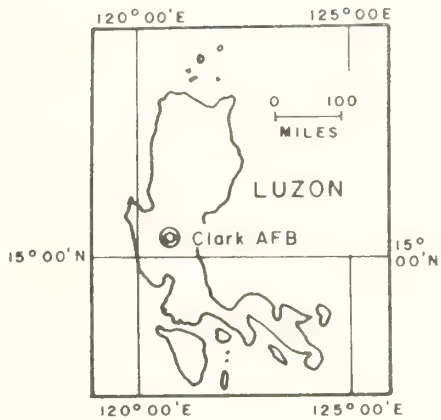
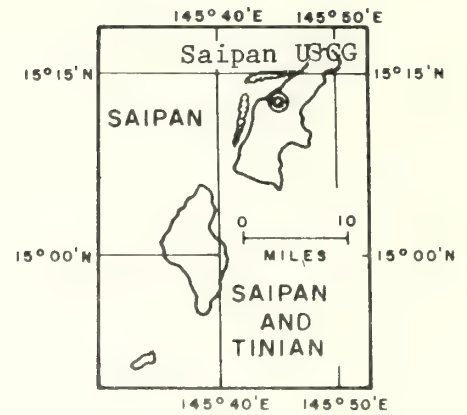
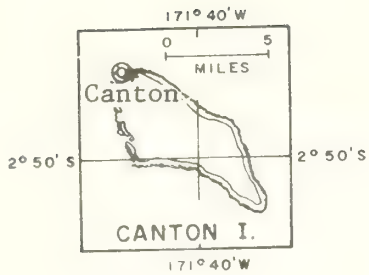
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

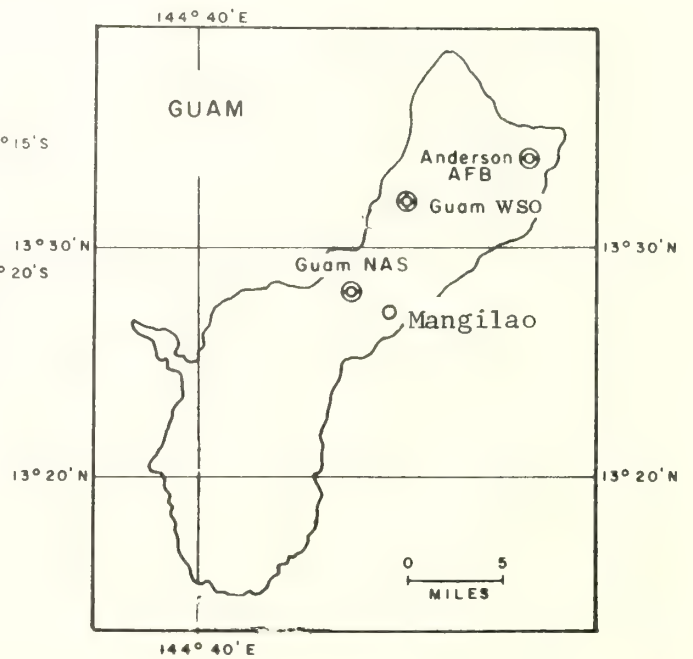
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

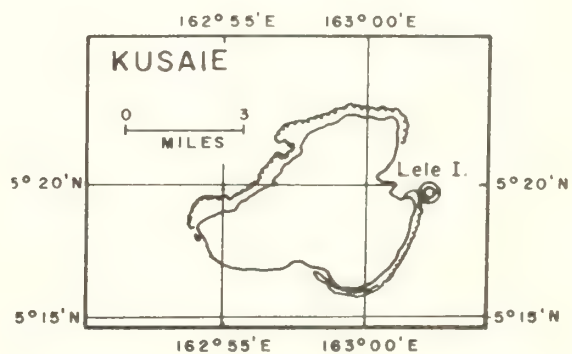
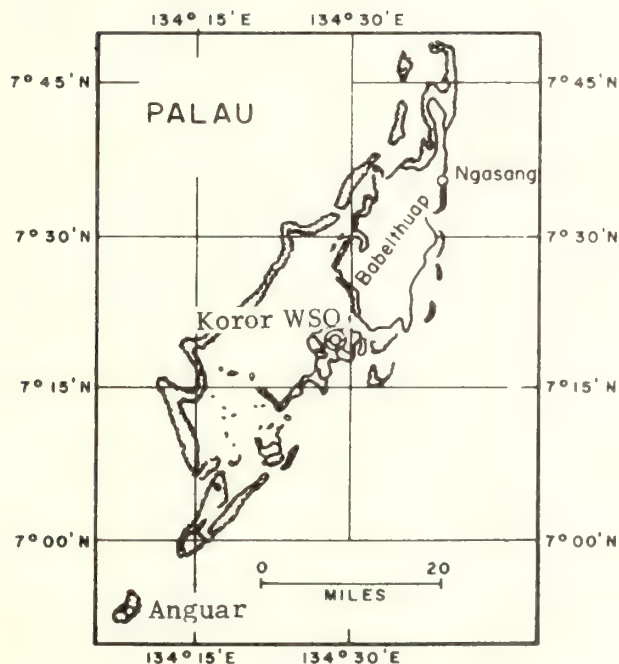
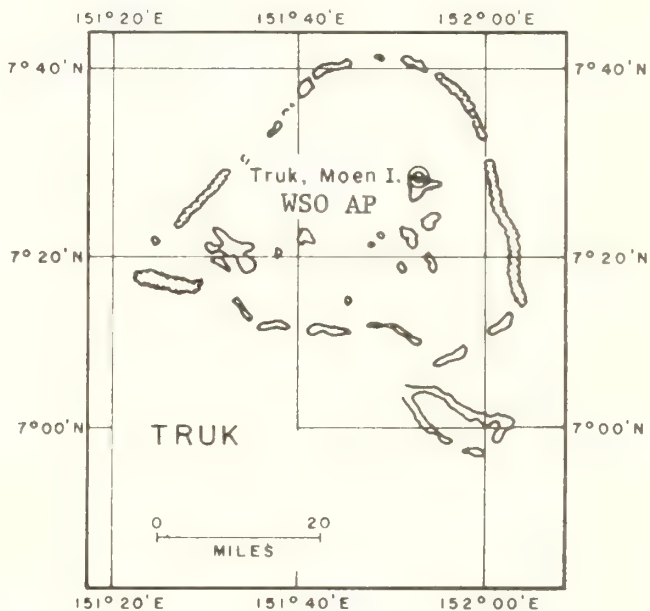
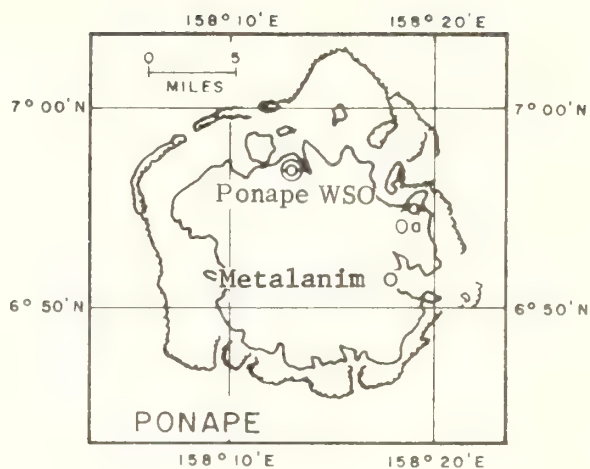
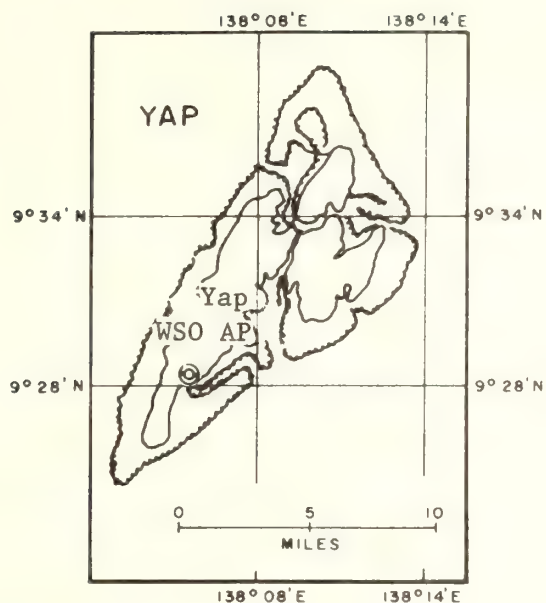




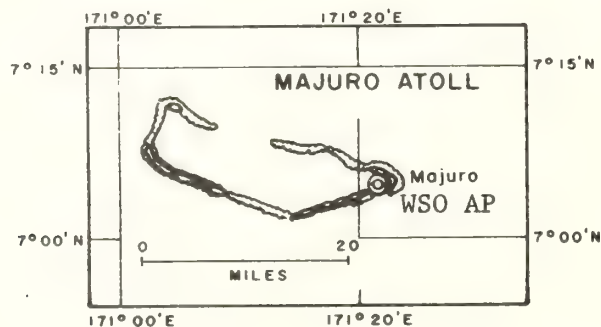
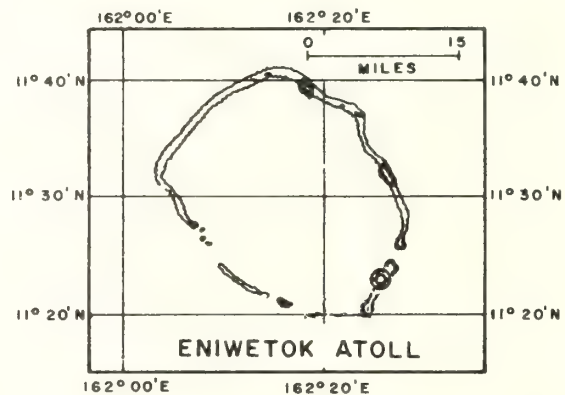
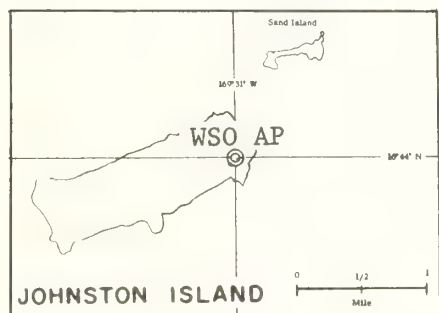
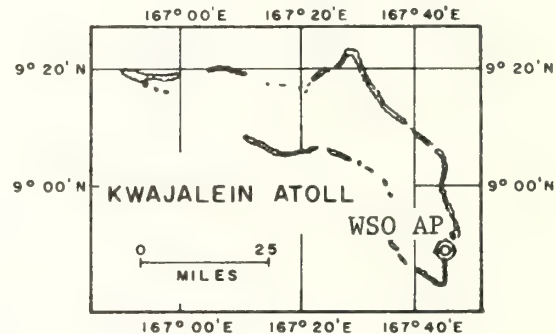
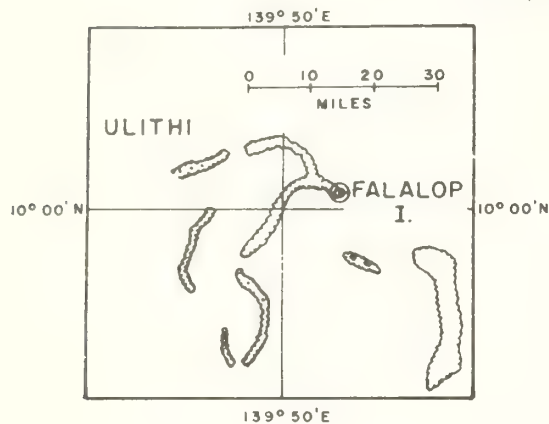
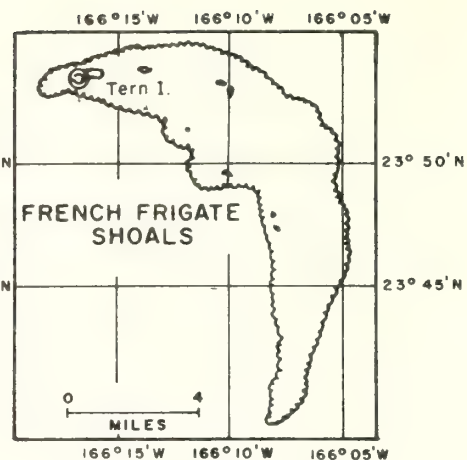
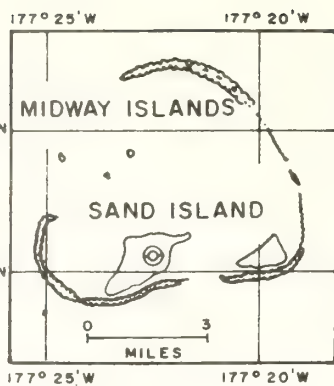
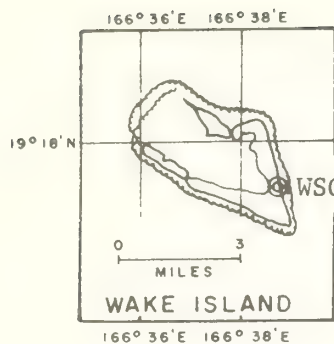


Reef





— Reef



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Climatological Data

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: 2 STATIONS 90 DATE 23+
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 34 DATE 13
 GREATEST TOTAL PRECIPITATION: MOUNT WAIALEALE 1047 KAUAI 22.68
 LEAST TOTAL PRECIPITATION: 15 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: MOUNT WAIALEALE 1047 KAUAI 2.52 DATE 15

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSO AP	-	-	-	23	NE	13	-	80	79	94	2	8	10	5	4	1	30	54	8.7
HILO, HAWAII, WSO AP	1	0.8	6.1	16	E	12+	89	84	70	82	3	8	17	3	0	0	31	51	7.1
HONOLULU, OAHU, WSO AP	6	12.6	13.1	28	NE	04	62	58	47	59	10	11	0	0	0	0	21	66	5.6
JOHNSTON ISLAND WSO AP	9	17.9	18.3	32	E	16	78	79	71	78	6	9	1	0	0	0	16	87	5.5
KAHULUI, MAUI, WSO AP	5	15.2	15.8	34	E	03	75	69	53	67	9	7	0	0	0	0	16	72	3.6
KOROR WSO AP	25	4.7	7.7	24	SW	16	83	-	80	76	3	5	7	2	3	0	20	43	8.7
KWAJALEIN WSO AP	9	8.4	10.5	30++	8	17	82	84	75	78	4	6	11	5	2	0	28	-	8.7
LIHUE, KAUAI, WSO AP	6	14.2	14.8	25	E	11	78	75	63	74	4	17	7	0	0	0	28	66	5.9
MAJURO WSO AP	8	6.4	8.3	25	E	16+	85	86	78	82	6	4	10	4	3	3	30	52	9.0
PAGO PAGO WSO AP	10	10.3	12.6	26	NE	28+	87	86	77	82	2	10	13	1	3	0	29	31	7.8
PONAPE WSO AP	-	-	-	13	NE	02	94	-	76	78	1	9	11	2	4	1	28	37	8.7
TRUK,MOEN I., WSO AP	25	2.8	9.6	33	SW	12	87	-	79	77	2	9	4	3	6	0	24	47	9.2
WAKE WSO AP	11	15.1	15.8	32	NE	09	86	87	68	74	4	13	6	2	0	0	25	89	5.2
YAP WSO AP	26	2.9	7.1	28	SW	19+	91	-	81	76	2	3	14	1	3	1	24	60	8.5

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL
DATA SERVICE

NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.	MIN.	1-30	31-60					TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE	
HAWAII																									
ISLAND OF KAUAI																									
ANAHOLA 1114	A														1.49		.35	16+		.0	0		0	0	0
KANALOHULU 1075		69.7	53.0	61.4		74	29	45	2+	0	0	0	0	0	1.75		.70	5		.0	0		5	1	0
KAPAA STABLES 1104	A														1.99					.0	0		0	0	0
KILAUEA POINT 1133		81.7	70.4	76.1		86	6	68	27+	0	0	0	0	0	1.37					.0	0		0	0	0
KOLOA 936	A														4.26					.0	0		0	0	0
LIMUE WSO 1020.1 AP	//R	83.6	73.8	78.7	- 1.2	86	22	69	2+	0	0	0	0	0	1.09	- .48	.24	4		.0	0		5	0	0
MANA 1026		85.2	64.8	75.0	- 1.9	87	26+	61	1	0	0	0	0	0	.60	.11	.32	5		.0	0		2	0	0
N. WAILUA DITCH 1051	A														8.75					.0	0		0	0	0
PH. WAINIHA 1115															3.01	- 2.65				.0	0		0	0	0
POEMU RIDGE 1040															1.13	.33	.77	5		.0	0		2	1	0
WAIKAWA 930	A														2.47	1.10				.0	0		0	0	0
WAIKAI LOWER 1054		79.1	63.4	71.3		82	4+	59	2	0	0	0	0	0	5.08	- 1.95	.71	5		.0	0		17	1	0
WAIKAI 947															.24	.00	.18	5		.0	0		0	0	0
ISLAND				72.5											2.56					.0					
ISLAND OF OAHU																									
ALOHA STADIUM HAWAII		82.8M	67.8M	75.3M		87	28	66	14+	0	0	0	0	0	.41		.14	10		.0	0		0	0	0
B. Y. J. LAKE 903.1		82.7	69.3	76.0		85	6	64	5+	0	0	0	0	0	1.12		.16	10		.0	0		5	0	0
HONOLULU OBSERV. 702.2															.12		.08	1		.0	0		0	0	0
HONOLULU WSO 703 AP	R	85.3	71.0	78.2	- .7	88	23	66	6	0	0	0	0	0	.18	- .14	.11	1		.0	0		1	0	0
KANEHE MAUKA 781		80.1	70.3	75.2	- .7	83	1	68	1	0	0	0	0	0	2.16	.50	.40	25		.0	0		9	0	0
KOOLAU DAM 833	A														9.45	1.69	10		.0	0		19	7	2	
LUALUALEI 804	A	84.7	68.7	76.7		88	20	64	19+	0	0	0	0	0	.03	.02	.17		.0	0		0	0	0	
MANOA LYON ARBORETUM		77.3	63.1	70.2		81	13+	60	2+	0	0	0	0	0	6.35	1.04	10		.0	0		16	5	1	
NUUANU RES. 4 783															3.10	.40	22		.0	0		10	0	0	
OPAEULA 870	A	78.8	65.3	72.1	.4	85	7	63	13	0	0	0	0	0	1.17	.25	.19		.0	0		0	0	0	
PALOLO VALLEY 718	R														2.72	- 4.95	.50	15		.0	0		10	1	0
PRI. WAIKAWA 820.2	A																			.0	0		0	0	0
WAIKAWA DAM 863	A														1.24					.0	0		0	0	0
WAIKAWA 837	A														5.09	1.03	18		.0	0		0	0	0	
WAIKAWA 896.3		81.3M	69.6M	75.5M		85	6	66	2	0	0	0	0	0	1.42					.0	0		0	0	0
WAIKAWA 847	A	83.3	64.1	73.7	- 1.7	87	14	60	26+	0	0	0	0	0	.14	- .30	.05	18		.0	0		0	0	0
WAIKIKI 717.2		84.3	67.3	75.8		86	1	63	1	0	0	0	0	0	.22		.06	10		.0	0		0	0	0
WAIMANALO EXP. FARM		81.7	69.8	75.8		84	2	65	2	0	0	0	0	0	.71		.36	1		.0	0		3	0	0
WAIKAWA 750	A														.29		.08	25		.0	0		0	0	0
ISLAND				75.0											2.00					.0					
ISLAND OF MOLOKAI																									
KUALAPUU 534	A														.60					.0	0		0	0	0
MAUNALO A 511	A														1.10					.0	0		0	0	0
MOLOKAI AP 524																				.0	0		0	0	0
ISLAND															.85					.0					
ISLAND OF LANAI																									
LANAI CITY 672	A	M	M	M											.48	- .80				.0	0		0	0	0
ISLAND															.48					.0					
ISLAND OF MAUI																									
HALEAKALA B. E. S. 434	A														.85	- 1.04	.13	6		.0	0		0	0	0
HALEAKALA RS 338		64.4	42.9	53.7	- 2.7	71	20+	36	11	0	0	0	0	0	.17					.0	0		1	0	0
HANA AIRPORT 355		80.7M	67.8M	74.3M		83	13+	62	4	0	0	0	0	0	1.82		.37	15		.0	0		6	0	0
HONOKOHU 493	A														.57					.0	0		0	0	0
KANAPALI AP 453.1		82.0	66.8	74.4		85	7	64	23+	0	0	0	0	0	.04		.02	19		.0	0		0	0	0
KAHULUI WSO 398 AP	R	84.8	66.7	75.8	- 1.3	88	13+	60	4	0	0	0	0	0	.02	- .19	.01	24+		.0	0		0	0	0
KAILUA 446		77.1M	64.7M	70.9M	- 1.1	78	28+	61	4+	0	0	0	0	0	3.98	- 3.12				.0	0		0	0	0
KEANAE 346	A														6.30					.0	0		0	0	0
KIPAHULU 258															3.14	- 3.73	.35	20		.0	0		15	0	0
KULA SANATORIUM 267		71.8	58.7	65.3	.6	75	15	56	30+	0	0	0	0	0	.17	- 1.24	.07	24		.0	0		0	0	0
LAHAINA 361		84.4	66.8	75.6	- .9	86	20+	66	30+	0	0	0	0	0	.00	- .09	.00			.0	0		0	0	0
PAIA 406															.31	- .58	.05	20+		.0	0		0	0	0
WAILUKU 386	M	80.5M	68.2M	74.4M	- 2.2	85	7	65	2	0	0	0	0	0	.1	- .43	.1	24+		.0	0		0	0	0
ISLAND				70.6											1.34					.0					
ISLAND OF HAWAII																									
HAWAII VOLCNS NP HQ 54	R	67.0	51.4	59.2	- 2.5	73	24	48	6	0	0	0	0	0	2.55	- 2.12	.36	24		.0	0		10	0	0
HILO WSO 87 AP	A	80.4	66.8	73.6	- 1.0	84	6+	63	4	0	0	0	0	0	2.97	- 3.64	.29	30		.0	0		13	0	0
HUEHUE 92.1															1.65					.0	0		0	0	0
KAINALU 73.2		74.1	61.3	67.7		78	16	58	28+	0	0	0	0	0	9.62	2.36	1.65	2		.0	0		15	0	0
KEAAU 92		79.3	63.8	71.6		85	6	61	5+	0	0	0	0	0	3.36		.43	20		.0	0		0	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1976

STATION		TEMPERATURE										PRECIPITATION															
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS					
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE			
											1	2	3	4													
HAWAII																											
KEALAHEKUA 2 28.7		A	81.0M	68.6M	74.8M							0	0	0	0	1.64	1.01	.76	1		.0	0		3	1	0	
KONA (KAILUA) 68.3																											
KUKUIHAELE HIC 199																											
KULANI CAMP 79																											
PAHALA 21		A	62.1	47.1	54.6	- 2.1	66	6	42	13		0	0	0	0	1.95		.70	20		.0	0		6	1	0	
		A	78.5M	61.4M	70.0M		81	24	59	28*		0	0	0	0	1.78		.35	24		.0	0		6	0	0	
		A										0	0	0	0	.33					.0	0					
POHAKULOA 107		A														.00		.00			.0	0		0	0	0	
PUU WAHAA 94.1		A														.91					.0	0		0	0	0	
SOUTH KONA 2.31																					.0	0					
UMIKOA 118																					.0	0					
WAIKAE SCD 88.2																7.50		.84	8		.0	0		20	5	0	
ISLAND					67.4											2.86					.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1976

STATION	TEMPERATURE										PRECIPITATION													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
										MAX.	MIN.	TOTAL	DATE					TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE	
PACIFIC																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND	87.7M	75.4M	81.6M		89	29*	71	14		0	0	0	0	V 2.55		1.19	12	.0	0			1	1	
FAGA ALU RESERVOIR														8.70		2.92	16	.0	0			11	4	3
FALEASAO VILLAGE														.94		.50	29	.0	0			4	1	0
JOHNSTON WSO AP	R 82.7	75.3	79.0	- 1.2	85	6	70	30		0	0	0	0		- .09	1.40	6	.0	0			13	4	2
LEONE	86.3	79.3	82.8		90	23*	74	28		2	0	0	0	7.19				.0	0					
FRENCH FRIGATE SHOALS	81.1	72.4	76.8	- .6	85	23	67	5		0	0	0	0	3.02	1.55	.70	5	.0	0			8	3	0
MIDWAY SAND ISLAND	78.5	70.4	74.5	- 1.2	83	9	62	7		0	0	0	0	3.83	.87	1.76	26	.0	0			7	2	2
PAGO PAGO WSO AP	R 84.4	73.1	78.8	- .3	87	23	69	24		0	0	0	0	7.11	- 2.30	3.13	28	.0	0			10	3	1
SWAIN ISLAND																		.0	0					
WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM	82.6	76.6	79.6	- 1.2	84	30*	74	27		0	0	0	0	5.20	-.56	.87	20	.0	0			12	4	0
CLARK AFB LUZON	86.2	72.4	79.3	- 2.6	91	24	70	21*		8	0	0	0	24.24	13.35	6.09	26	.0	0			19	8	6
GUAM NAS	85.5	78.0	81.8	.0	89	1	76	26*		0	0	0	0	6.42	1.51	1.62	12	.0	0			15	2	2
GUAM WSMO	R 85.9	73.0	79.5	- .3	88	4*	70	14*		0	0	0	0	6.40	1.21	1.26	20	.0	0			16	5	1
MANGILAO														V 8.94		1.95	1	.0	0			15	6	1
ROTA																		.0	0					
SAIPAN USCG																		.0	0					
WAKE WSO AP	R 88.2	76.4	82.3	.8	92	29	73	9		4	0	0	0	1.81	- .54	1.17	9	.0	0			3	1	1
CAROLINE AND MARSHALL ISLANDS																								
ANDUUR														10.28	- .92	2.37	17	.0	0					
ENTWISTAK																		.0	0					
FALALOP I. ULITHI																		.0	0					
KAPINGMARANGI ATOLL																		.0	0					
KOROR WSO	R 87.8	76.1	82.0	.4	95	3	73	24*		10	0	0	0	5.91	- 7.84	1.38	13	.0	0			12	3	1
KWAJALEIN MISSILE RGN	R 85.5	76.8	81.2	- .7	87	29*	71	18		0	0	0	0	11.24	1.31	1.83	25	.0	0			16	8	4
LELE I. KUSAIE																		.0	0					
MAJURO WSO AP	R 85.0	75.0	80.0	- 1.0	87	9*	72	17		0	0	0	0	9.43	- 2.74	1.72	17	.0	0			17	6	3
METALANIM																		.0	0					
MOKIL ATOLL																		.0	0					
NGASANG, BABELTHUAP																		.0	0					
PONAPE WSO	R 87.9	72.9	80.4	- .1	91	8	70	4		5	0	0	0	20.99	5.33	4.04	3	.0	0			24	11	6
SATAWAN ATOLL																		.0	0					
TRUK, MOEN I. WSO AP	R 86.4	75.3	80.9	- .4	90	19	73	17		1	0	0	0	12.26	- .33	1.73	20	.0	0			16	11	3
WOLEAI ATOLL																		.0	0					
YAP WSO AP	R 86.5	73.4	80.0	- 1.7	89	4*	70	22*		0	0	0	0	13.30	2.40	2.71	13	.0	0			13	8	5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

 HAWAII AND PACIFIC
JUNE 1976

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
ANAHOLA 1114	A	1.40						.30		.10	.35	.03			.03	.05	.35		.07	.20			.15			.05					.05	.03		
BRIDGES4000 STA 985	A	3.17	.01					.64	.04	.10	.38	.05			.09	.08	.47	.07	.20			.16	.05	.05	.20	.20					.23	.04	.02	
EAST LAKE 934	A	3.53	.05					.58	.02	.08	.44				.02	.14	.32	.05	.25			.43	.05	.05	.08	.17					.73	.07		
ELEETE 927	A	.95	T					.35	T		.11	T			.02	.02	.18	T	.14			.06	T		.02	.15					.03	.02	T	
HALAULA 1110	A	2.08						.40		.18	.25	.05			.05	.03	.25					.20			.02	.15					.35	.15		
HALENAHUA 1008	A	3.58	.05					.55		.15	.41	.19			.10	.11	.43	.11	.23			.38	.04	.11	.12	.19				.28	.11	.02		
HUKIPU 946	A	.80						.60																										
ILILILUA INTAKE 1080	A	9.64	.82	.02				.87	.15	.13	.54	.32			1.19	.27	.72	.12	.12			.81	.07	.40	.52	.90				1.41	.06	.11		
INTAKE WAHIAHA PC 1088	A	4.11										.83					1.23					1.85				.20								
KANALOHULULU 1075	A	1.75			.70	.14				.02	.09	.01	.04	.04	.02	.04	.21		.21	.12				.05	.02					.02		.02		
KANEHA RESERVOIR 1092	A	4.23	.03					.40	.25	.35	.35			.15	.10	.80	.05	.05				.35			.10	.15				.80	.30			
KAPPA STABLES 1104	A	1.90	.05					.35	.05	.13	.23			.05	.04	.35	.02	.06				.35			.10	.18		.02			.25	.03		
KEALIA 1112	A	1.52						.35	.02	.10	.20	.15				.25	.03					.10			.09					.20	.03			
KEKAHA 944	A	.70						.64	.03							.03																		
KILUEA 1134	A	2.10						.20			.27	.09			.05	.06	.36					.43	.03							.59	.10			
KILUEA POINT 1133	A	1.37						.01		.05	.01	.18	.05			T	.30	.03	.04			.20		.02	T	T	.01	T		.34	.11	.02	T	
KOLB 1033	A	.36						.15	.04							.10	.43					.41	.04	.05	.27	.18					.85	.05		
KOLB 938	A	4.26	.10					.05	.10	.40	.13				.11	.43	.04	.20				.41	.04	.05	.27	.18								
KOLB LN (PMA) 940.1	A	.81						.17	.01							.02	.27	.02	.03			.09	.03		.01	.07	.01	.03						
KOLB MAUKA 994	A	5.10	.78						.93		.62					.59		.58					.55		.40									
KUKULUA 935	A	2.75	.08					.70	.01	.07	.33				.03	.20	.01	.20				.28	.17	.10	.08	.06				.32	.03			
LIHUE VARIETY ST 1062.1	A	1.94						.35	.07	.02	.13	.25			.04	.11	.30	.05	.08			.08	.06	.07	.04					.28				
LIHUE 1020	A	1.42						.31	.04	.01	.21				.02	.15	.09	.15				.10		.07	.03	.02				.20	.02			
LIHUE MSB 1020.1 AP	A	1.08			.24	.03	T	.03	.21	.03					.06	.11	.06	.09	.10			.01	.02	T		.01	.01	.02	T	.11	T	.01	T	
MAKALEI 985	A	.25						.09	.06		.03					.02	.03													.02				
MAHA 1028	A	.80						.32	.17							.06																		
MAHINI UPR CROSS 1083	A	2.88			.38	.22			.08	.15	.22			.08	.08	.36	.15	.15	.22			.08	.38						.15	.08	.08	.15		
MOBARA 1145	A	1.55	.04					.40		.15					.15		.15		.20			.16				.06			.06					
MOUNT WAHALELE 1047	A	22.68			.12	.51	.20	.43	.91	1.89	1.61	1.46	.83	.16	.59	2.52	.79	.63	1.02			.71	.31	.43	.39	1.30	.81		.16	1.10	1.77	.83	.51	.59
NIU RIDGE 1035	A	.71						.60									.11																	
N WAHIA DITCH 1051	A	8.75	.05	.01				.67	.25	.19	1.04	.36			1.20	.33	1.14	.14	.24			.47	.05	.28	.38	.22				1.27	.24	.22		
OW WAHIA 1118	A	3.71						.66	.28							.03	.08	.08				.39	.03	.02	.08	.06				.73	.10	.03		
PRINCEVILLE RANCH 1117	A	2.90	.40					.03	.07	.02	.37				.30	.13	.45	.02	.02			.32	.02	.10	.02	.07				.50				
PUEHU RIDGE 1040	A	1.13						.77	.36																									
PUMI 1013	A	1.30	.04					.10	.01	.05					.12		.32	.02	.17			.10	T	T		.16				.20	.01			
WAHIAWA 930	A	2.47	T					.82	.03	.05	.22	.01			.04	.11	.37	.01	.20			.28	.02	.01	T	.07				.41	.01			
WAHIA LOWER 1054	A	5.08	.02					.71	.32	.12	.05	.08	.42	.24	.12	.28	.04	.14	.47	.12	.08	.15	.19	.08	.01	.21	.36		.14	.06	.39	.24	.07	
WAHIA UPPER 1052	A	7.81	.04	.02				.63	.22	.08	.14	.14	.67	.28	.72	.16	.10	.23	.86	.14	.16	.60	.11	.06	.05	.46	.39	.27	.31	.50	.32	.13	.04	
WAHIA 943	A	.56						.40	.08																									
WAHIA KAI 1085	A	1.25	.02					.30	.02	.08	.02				.12	.05	.18	.08	.05			.08			.05					.17	.05			
WAHIA 947	A	.24						.18	.06																									
WEST LAKE 931	A	3.00	.05	.01				.56	.03	.11	.50	.03			.04	.08	.32	.04	.20			.30	.05	.07	.02	.12				.45	.02			
ISLAND OF OAHU																																		
ALPHA STADIUM-HAWAII	A	.41			T					.01	.14						.04	.03	T				.10			.02	.01				.03	.03		
BELETANIA PUMPING STA	A	.57	.05	T			T	.05		.03	.02	.09	.02			.02	.02	.02	.01		.18	.01	.01											
B Y U LAKE 903.1	A	1.12			.04		T	.03	.15	.16				T	.14	.04	.12			.07	.08	.03	.01	.04	T	.02								
CAMPBELL IND PK 702.5	A	.84	T	.06	T	.30				.01						T				T		.01				.02								
CAMP 84 807	A	.50			.07			.02		.07					.03			.11	.08			.06			.03									
COCONUT ISLAND 840.1	A	1.06	.07		.03			.02	.02	.26				.19	.09	.03		.07			.16	.01	.03	.01	.01				.04	.01	.01			
ELVA PLANTATION 741	A	.11						.05	T	.05	T					.05	T				.04													
HELEMANA INTAKE 881	A	2.28						.62		.53				.09			.34				.43			.18						.09		.02		
HONOLULU 725.2	A	1.06																																
HONOLULU OBSERV 702.2	A	.12			.08	T																.04												
HONOLULU MSB 703 AP	R	.18	T		.11	.03		T	T	.01				T	T	T	.01	T	T	T	.02	T	T	T	T	T	T	T	T	T	T	T		
HONOLULU SUBSTA 704	R	.33							.01	.08							.04																	
H S S A EXP STA 707	R	.33							.01	.08							.04																	
KAHANA POINT 841.3	V	.58	.16		.05				.01	.01						.05	.05	.04			.18	.02	.01											
KAHANA 883	A	8.16						.46							2.73							1.82								3.15				
KAILUA FIRE STA 701.3	A	.79																																

HAWAII AND PACIFIC
JUNE 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE
1976

STATION	TOTAL	DAY OF MONTH																																						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
HAWAII																																								
KOHALA MISSION 175.1	A	2.15	T					.02	.22	.03	T	T				.09	.01		.05	.02	.22		.06	.86	.04		.02	.05	T		.01	.21	.15		.03	.05	.01			
KOIHANE LOWER 196	A	5.05																																						
KONA (KAILUA) 88.3	A	1.64																																						
KONA VILLAGE 93.8	A																																							
KURAIKU 222	A	1.70																																						
KURUIMAELE HIC 199	A	1.95																																						
KURUIMAELE HILL 206	A	1.33																																						
KULANI CAMP 79	A	1.78	.20	.05	.03			.03	.11	.06		.03	.07		.10	.19	.07		.12	.02	.03		.05				.35	.03	.07	.05		.03	.02	.04						
KULANI MAUKA 76	A	.00																																						
KULANI SCHOOL SITE 78	A	.85																																						
LANZHOU 88.2	A	6.03	.12	.06	.41		.04		.02		.12	.18	.06		.03	.08	.55	1.01	.15	.04		.22	.02	.26		.42	.12	.58		.14	.31	.08		.13	.11	.17		.60		
MAKAHALAU 103	A	1.47	.20				.12				.15																													
MAUKA 2	A	2.20	.30	.20	.50	T		T																																
MAUKA KEA 085 111.2	A	.00																																						
MAUKA LOA SLOPE 085	A	.00																																						
MIDDLE MAHALOA 88.1	A	2.67									1.24																													
MIDDLE PEN 147.1	A	1.25	.68																																					
MAUKA 18	A	.30																																						
MOUNTAIN VIEW 91	A	7.13	.67	.12							.13	.60	.23																											
MAALEHU 14	A	1.24	.13	.03	T						.37	.06	T																											
NAPAHOO 28	A	4.11									1.67																													
OBKALA 223	A	2.67									.01	.13	.19																											
OPIMIALE 2 24.1	A	2.25	.38	.07			.03	.01			.15	.03	.10		.01	.38	.02	T																						
ORCHID LAND EST 91.5	A	4.19					.80																																	
PARAUHU 217	A	.63																																						
PARAUHU 221	A	1.00																																						
PARAUHA 21	A	.33	.05	.04	.03		.01				.10	.06																												
PAKOA 65	A	4.38	.22								.04	.25	.08		.09	.30	.04		.10	.25		.65	.19	.20		.20	.57	.02		.10	.09	.19		.06	.27	.24		.07	.06	.09
PAKOA 37	A	4.17																																						
PAPAIKOU 144.1	A	3.98	.30								.07	.46	.01		.17	.17																								
PAPAIKOU MAUKA 140.1	A	6.93	.49	.03							.26	.89	.07		.04	.20																								
PIIOMUA 69	A	9.10																																						
PONAKA 220.8	A	.00																																						
PONAKA 107	A	.00																																						
PUU KINE 120	A																																							
PUU LAU 102.1	A	.02																																						
PUU LEHUA 73	A	1.10																																						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE
1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * *																																
EAST OF 180TH MERIDIAN																																
CANTON ISLAND	V 2.55	.30	-	-	-	-	-	.01	.34	-	.08	1.19	E	.17	.02	.02	.13	-	.02	-	-	-	.02	-	.05	-	-	-	-	-	-	.20
FAGA ALU RESERVOIR	-	8.70	.02	.08	.03	-	-	.04	1.26	-	.45	.37	.08	.04	.17	2.82	.75	1.51	-	-	-	-	-	.08	.02	.23	.21	.18	.26	-	-	-
JOHNSTON WSO AP	R .94	7.19	.24	.12	-	.01	1.40	.01	T	.17	T	.10	T	T	.01	.01	T	.10	T	T	T	T	T	T	T	T	T	T	T	T	.50	.21
LEONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.48	.80	.44	.05	T	-	-	-	.01	.04	.40	.01	.43	1.37	.38	-	-
FRENCH FRIGATE SHOALS	3.02	.02	-	-	.70	.56	.22	.24	.01	.01	.02	.01	.01	.01	.01	.01	.28	.10	.02	.02	.02	.02	.02	.02	.02	.02	.01	.14	.06	.54	-	
MIDWAY SAND ISLAND	3.83	.18	T	.18	.03	T	.10	.10	.02	.10	.10	.02	.04	.71	.01	.28	.22	.30	T	.02	-	-	-	.02	.20	.02	.43	3.13	.06	.01	-	-
PAGO PAGO WSO AP	7.11	.09	T	.01	-	.13	.94	.08	-	-	.08	.05	.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWAIN ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * *																																
WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM	5.20	-	-	-	.01	.20	.09	.02	.18	.07	.23	T	.80	T	T	.74	.01	.42	.03	.87	.09	.08	.19	.27	.13	.90	.41	T	.05	.01	-	
CLARK AFB LUZON	24.24	.24	.23	-	-	-	-	1.20	.36	T	.32	.17	-	.18	.35	.77	.74	.06	.17	.01	-	-	.48	1.81	3.68	6.09	.16	.46	3.31	3.45	-	-
GUAM HAS	6.42	-	-	-	.02	.01	.03	.07	.09	.19	.42	1.82	.15	T	-	.16	.07	.12	.20	.37	.03	.15	.38	.40	.05	1.44	.20	.14	.10	-	-	
GUAM WSO	6.40	-	-	-	.18	.13	.10	.16	.07	.08	.10	.82	-	-	-	.63	T	.52	.05	1.26	.01	.15	.23	.17	.07	.99	.43	.12	.12	.01	-	
MARIGLAD	V 8.94	1.95	.05	-	-	-	-	.05	.75	.02	.11	.91	.33	.12	-	.32	.03	-	.13	.92	.88	.01	-	.47	.43	.22	.89	.22	.09	.04	-	-
ROTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAIPAN USCO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAKE WSO AP	R 1.81	.02	.04	T	-	-	.01	.01	1.17	-	.02	-	T	-	.12	.17	.08	.03	.01	.03	.02	-	.05	.01	-	-	-	T	.01	-	-	
* * *																																
CAROLINE AND MARSHALL ISLANDS																																
ANGUAS	10.28	.22	*	.44	-	.01	-	.10	1.69	.13	*	*	2.31	.20	-	.03	2.37	-	.05	.23	.98	.38	.91	-	-	-	-	-	.23	-	-	
ENIGETAK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FALALOP I. ULITHI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAPINOHARANGI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOROR WSO	R 5.91	T	.32	T	T	-	-	.28	.32	.01	.01	1.38	.30	.24	.23	.02	.80	.40	.01	.02	.45	.49	.80	-	-	-	.01	.02	T	-	-	
KWAJALEIN MISSILE RM	R 11.24	.01	1.57	.14	T	.07	.01	-	.17	.12	.05	.13	.21	.07	.04	T	1.11	.98	1.04	.44	.93	.03	.88	.58	1.83	.01	.06	.35	.09	.32	-	-
LELE I. KUSAIE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAJURO WSO AP	R 9.43	.04	.15	T	T	.01	.10	.04	.14	.01	.74	.31	1.62	.10	.08	1.07	.65	1.72	.27	.02	.28	.08	.12	.16	T	.33	.89	.03	.40	.01	.06	
METALAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOKIL ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NGASANG-BABELTHURP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PONAPE WSO	R 20.99	.44	.07	4.04	.05	.96	1.88	.33	.33	2.44	.63	.20	.44	.91	.06	.35	.17	.18	2.36	.31	.29	.60	.28	1.25	.37	.42	1.06	.01	.04	T	.72	
SATAVAN ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TAUAK MOEN I. WSO AP	R 12.26	.34	-	-	-	.40	-	.27	.82	.81	.86	.05	-	.95	.73	.36	.92	1.13	1.19	.51	1.73	.01	.48	.78	T	-	.06	.04	T	-	T	
WOLEAI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YAP WSO PD	R 13.30	.05	.05	T	-	.62	.33	.08	-	.20	.04	.52	2.71	.05	-	2.68	1.35	1.20	.04	.24	T	.27	-	.56	1.80	.39	.03	T	-	-	-	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JUNE 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	68 45	70 45	69 46	69 52	65 57	69 57	70 52	71 50	70 54	66 55	70 61	70 61	66 51	71 55	70 48	70 54	66 54	66 54	70 56	71 54	70 54	70 55	72 54	70 51	72 55	72 54	72 54	70 51	70 53	74 55	73 54	69.7 53.0
KILAUEA POINT 1133	MAX MIN	82 69	84 69	84 70	81 69	81 71	86 72	84 70	81 71	79 71	81 69	81 69	81 70	82 71	80 70	80 70	80 70	80 72	80 70	80 72	80 70	81 70	83 71	82 73	82 70	83 68	81 69	81 69	82 71	82 73			81.7 70.4
KOLOA LN (MAK) 940.1	MAX MIN	88 69	90 67	89 68	82 69	86 69	87 73	88 72			84 70	86 71	89 77	85 72	83 75	75 69	83 72	83 69	82 73	84 72	89 72	85 71	85 70	84 71	83 70	83 69	84 69	84 75	84 69				84.8 71.0
LIHUE WSO 1020.1 AP	MAX MIN	84 69	84 69	82 71	83 71	83 74	84 74	83 73	83 74	82 74	83 73	85 74	84 73	83 71	83 77	83 74	83 74	83 74	84 74	83 73	83 75	83 76	85 77	84 74	84 74	83 75	84 74	84 75	84 74	85 76			83.6 73.8
MANA 1026	MAX MIN	85 61	86 66	85 66	86 69	84 68	84 68	83 66	85 65	85 62	85 63	85 65	85 64	85 63	86 63	85 64	84 65	85 65	87 66	86 68	86 63	86 65	85 65	85 65	86 62	87 63	85 64	85 65	85 64				85.2 64.8
NIU RIDGE 1035	MAX MIN	82 63	83 63	82 62	83 62	82 63	80 63	79 64	80 62	81 62	80 63	81 60	82 61	83 62	80 63	82 63	81 64	81 63	82 63	82 63	81 63	82 63	84 63	83 63	82 63	83 63	84 62	82 62	83 62	82 63			82.0 62.5
WAIAMI LOWER 1054	MAX MIN	81 60	82 59	82 60	82 60	80 66	80 65	78 64	78 64	79 63	78 64	78 64	78 60	78 60	78 65	77 66	78 66	78 65	78 64	78 64	80 64	80 64	79 66	78 64	79 66	80 64	79 63	80 64	78 64				79.1 63.4
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN	82 67	81 66	82 66	84 68	85 66		83 67	84 67	81 70	80 66			84 66	84 68	83 69	82 68	82 68			83 68	82 70	83 69	84 68	83 71			87 68	83 67				82.8 67.8
B Y U LAIE 903.1	MAX MIN	82 64	83 64	81 64	84 65	84 64	85 65	83 69	82 69	80 68	82 66	82 67	84 72	82 72	81 71	81 69	81 70	82 69	80 70	82 70	83 71	84 71	83 71	82 71	83 72	83 72	84 72	84 72					82.7 69.3
EWA PLANTATION 741	MAX MIN	84 67	82 64	82 65	82 64			85 64	87 68	84 66	85 65	84 65		86 64	86 67	85 69	85 67	85 68			85 67	85 67	87 66	87 66	85 65			86 65	87 66				85.0 66.1
HONOLULU WSO 703 AP	MAX MIN	84 69	81 68	83 69	82 70	83 73	84 66	86 73	86 73	85 70	85 70	87 69	87 67	87 68	86 73	85 72	85 72	86 72	86 72	86 74	85 70	85 73	88 70	86 73	86 72	87 71	85 71	86 74	85 72				85.3 71.0
HONOLULU SUBSTA 704	MAX MIN	79 69	77 69	78 69	80 73	80 72	81 71	82 73	80 71	80 71	81 71	82 70	80 72	80 71	79 71	79 70	77 70	78 71	78 74	79 72	79 73	80 74	81 73	79 72	81 73	80 72	81 72	80 71					79.8 71.5
KANEIHE MAUKA 781	MAX MIN	83 68	81 69	79 70	81 70	80 71	80 70	82 71	80 70	79 70	78 70	80 71	82 70	82 71	78 69	80 70	80 71	80 69	80 70	79 71	79 69	79 70	81 71	82 70	79 70	80 71	80 72	80 71	80 72				80.1 70.3
LUALUALEI 804	MAX MIN	82 67	86 64	84 68	83 64	84 69	83 64	87 68	83 69	86 70	85 70	87 71	84 70	85 71	86 70	84 70	85 71	84 70	84 66	85 70	84 66	88 66	85 70	86 71	85 69	82 69	84 70	83 71					84.7 68.7
MANOA LYON ARBORETUM	MAX MIN	81 60	80 60	77 61	81 61	77 63	76 61	80 65	78 65	77 63	74 62	74 64	80 64	81 63	79 66	79 64	73 64	73 62	75 62	76 64	76 63	74 64	80 63	78 64	75 65	76 62	75 63	79 63	79 64				77.3 63.1
OPAEULA 870	MAX MIN	80 65	80 65	82 65	82 64	77 65	79 67	85 70	78 65	76 67	75 64	75 66	78 64	79 63	80 67	80 66	79 65	75 66	75 66	79 66	80 65	79 64	75 66	80 65	80 65	80 64	80 65	80 65					78.8 65.0
PRI MAHIWA 820.2	MAX MIN																																
WAIALEE 896.3	MAX MIN	82 68	82 66	81 67	80 70		85 67	83 72	82 70	80 70	80 68	80 70		82 69	82 69	82 70	81 70	81 70	80 69	80 71	80 72	80 69	81 70	82 70	82 70	80 71	82 70	82 70	81 70				81.3 69.6
WAIALUA 847	MAX MIN	84 66	83 62	84 63	83 61	82 63	84 66	83 65	85 66	82 63	83 63	85 65	86 63	87 64	84 67	83 68	81 65	81 66	82 66	82 66	81 66	85 66	86 64	81 60	84 60	83 63	84 62	85 65	85 63				83.3 64.1
WAIKIKI 717.2	MAX MIN	86 63	83 65	83 64	83 66	83 67	83 66	85 70	85 69	84 67	84 66	85 64	85 68	85 68	84 68	84 68	84 68	83 67	84 67	83 68	85 67	85 68	85 68	84 69	85 68	85 68	85 68	85 68					84.3 67.3
WAIMANALO EXP FARM	MAX MIN	82 66	84 65	80 66	81 67	81 68	81 66	83 70	82 71	81 71	81 71	82 70	82 71	82 72	81 70	81 71	81 67	81 67	82 70	82 72	80 70	81 72	82 73	81 72	82 73	82 72	83 72	81 72					81.7 69.8
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	75 62	76 63	75 64	76 63			78 68	76 63	76 63	75 66	75 63		77 65	78 68						75 68		76 68	77 65				76 64					
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	62 42	60 40	58 41	62 39	60 41	60 40	70 52	71 50	69 43	64 39	61 36	59 39	62 41	62 41	68 45	65 46	71 45	66 50	70 55	71 50	70 45	66 46	65 37	59 37	62 44	67 41	62 37	61 40				64.4 42.9
HALEAKALA SUMMIT 338.4	MAX MIN																																
HANA AIRPORT 355	MAX MIN	79 68	80 66	79 67	80 62	83 71	81 72	82 68	80 66	82 67	80 66	81 66	82 66	83 68	82 67	81 70	80 67	81 67	80 68	80 70	80 67	80 69	80 67	82 68	80 66	80 68	82 68	80 69	81 69				80.7 67.8
KANAPALI AP 453.1	MAX MIN	81 66	81 65	79 65	79 64	80 66	80 66	85 69	82 68	82 66	82 65	82 64	81 65	83 68	83 69	82 67	82 67	81 68	82 67	81 67	83 68	83 69	83 68	84 69	82 66	83 69	83 66	83 66					82.0 66.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JUNE 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAMUOUI WSO 398 AP	MAX MIN	87 63	83 62	85 63	84 60	83 63	88 63	87 68	85 70	85 69	85 64	87 61	88 61	85 70	85 71	84 70	85 70	82 69	83 69	84 70	85 66	85 65	85 64	85 70	84 70	85 68	83 69	82 67	84 69	84 68	84 68	84.8 66.7	
KAILUA 446	MAX MIN	76 66	77 63	76 61	77 61			78 69	78 67	76 66	76 68	78 69		78 64	77 64	77 65	77 64		78 66	77 65	77 64	78 63	78 63	77 63	77 64	77 64		78 65	76 65	75 64	77.1 64.7		
KEAWAKAPU BEACH 260.2	MAX MIN	86 63	83 65	86 63	83 64	85 63	84 64	86 70	86 70	86 67	87 63	86 62	86 63	87 65	87 65	88 64	87 64	89 68	87 65	88 66	86 64	87 63	90 63	83 62	87 66	87 61	87 65	86 63	83 63	80 62	86.0 64.3		
KULA SANATORIUM 267	MAX MIN	73 66	69 59	68 59	69 60	71 60	72 60	68 59	73 58	72 57	72 58	74 60	70 58	72 59	71 60	75 56	74 61	74 60	72 56	72 57	73 56	73 57	69 60	70 60	71 58	74 60	74 58	70 60	72 57	73 56	71.8 58.7		
LAHAINA 361	MAX MIN	83 68	81 66	81 66	84 66	82 67	86 67	85 67	85 66	83 66	85 66	83 66	84 67	85 66	86 66	85 67	86 66	86 67	85 66	86 66	85 66	84 66	85 66	85 69	84 66	85 66	84 66	85 67	84 68	85 66	84.4 66.8		
WHILUKU 386	MAX MIN	82 66	82 65	80 66	80 66			85 67	81 69	80 68	79 69	80 70		81 67	80 69	80 70	81 71	80 68				81 68	81 70	81 69	81 69	77 68		81 68	80 68	79 69	80.5 68.2		
" " "																																	
ISLAND OF HAWAII																																	
HAWAII VOLCNS NP HQ 54	MAX MIN	68 54	65 50	69 49	70 52	71 54	72 48	69 53	67 52	61 49	65 51	65 52	65 51	65 49	68 52	68 51	69 52	61 50	65 51	65 52	68 53	67 51	67 50	68 55	67 51	68 51	66 52	67 51	63 52	69 51	67.0 51.4		
HILO WSO 87 AP	MAX MIN	78 67	81 64	81 64	83 63	84 69	84 68	78 69	79 68	81 65	78 66	79 66	83 64	81 68	79 66	81 68	78 67	78 68	80 68	79 68	79 68	82 66	81 65	81 69	81 68	80 67	79 68	81 68	81 67	78 66	80.4 66.8		
KAINALIU 73.2	MAX MIN	77 58	73 61	73 59	72 59	71 58	76 62	75 64	76 63	72 63	71 61	74 61	74 61	71 64	76 59	78 61	74 64	73 61	75 61	74 64	73 61	75 61	72 63	74 61	75 61	76 63	76 62	72 61	75 60	75 61	74.1 61.3		
KAMUELA 192.2	MAX MIN	79 50	71 50	76 50	73 50			79 51	74 53	68 53	70 54			74 56	71 58	65 57	64 57				67 58	68 57	72 58	73 54	72 58			70 56	70 59	71 58	71.3 55.0		
KEAAU 92	MAX MIN	77 64	77 62	80 62	80 61	82 61	85 65	82 66	79 65	77 63	80 63	79 64	79 63	80 62	80 66	80 63	78 63	80 65	79 65	79 65	79 65	78 64	80 63	81 63	80 64	80 64	79 64	78 65	78 65	78 65	79.3 63.8		
KEALAKEUA 2 28.7	MAX MIN																																
KOHALA MISSION 175.1	MAX MIN	79 64	77 61	80 62	80 64	82 62	82 64	80 67	78 65	76 64	78 66	79 65	80 67	80 63	80 63	79 67	76 64	80 64	77 65	72 65	77 65	77 66	79 64	79 65	79 65	79 67	79 64	78 63	76 66	79 66	78 66	78.4 64.6	
KONA (KAILUA) 68.3	MAX MIN	81 67	80 68	78 68	79 67			82 68	84 70	80 70	81 70			82 69	82 68	82 69	81 69				81 69	80 70	79 69	81 69	81 70			83 66	83 66	83 66	81.0 68.6		
KULANI CAMP 79	MAX MIN	63 53	62 45	62 44	64 44	63 45	66 45	64 53	63 50	63 46	60 47	57 48	60 43	63 42	62 49	63 46	61 54	62 44	60 48	62 47	63 49	63 44	62 43	65 45	62 52	62 50	61 45	62 49	61 48	60 48	62 48	62.1 47.1	
MAUNA LOA SLOPE OBS	MAX MIN	53 46	58 47	56 42	53 40	52 38	55 39	56 39	55 38	51 38	53 36	51 35	51 35	53 34	57 37	57 40	58 42	59 42	59 41	59 41	58 44	58 40	58 40	56 38	56 38	54 38	54 37	53 38	52 38	54 40	61 43	55.1 39.6	
MOUNTAIN VIEW 91	MAX MIN	74 61	73 59	77 57	77 57	81 60	81 60	71 61	70 58	75 57	75 59	75 57	76 57	75 57	76 59	71 61	73 60	74 60	74 60	74 60	72 59	75 58	78 59	77 60	75 60	75 59	75 59	75 59	70 59	74 60	74.8 59.1		
NAALEHU 14	MAX MIN	80 63	76 63	78 63	79 62			80 65	81 65	75 63	81 63	78 66		81 61	81 66	78 67	77 64	78 66				79 60	78 65	83 66	82 64	75 64		81 66	82 66	78 64	79.1 63.9		
OOKALA 223	MAX MIN	77 65	78 65	78 63	78 64	81 64	79 63	80 68	79 64	76 65	78 65	79 66	80 65	79 64	79 66	79 66	79 66	77 64	76 68	78 66	77 64	79 68	79 64	79 68	79 68	80 68	78 65	78 64	77 65	78.5 64.9			
OPIHIHALE 2 24.1	MAX MIN	75 59	74 58	70 60	74 58	79 60	75 60	78 62	75 62	73 61	72 58	75 59	75 61	77 58	78 58	77 62	75 59	78 62	78 61	78 60	73 61	73 60	77 59	78 61	78 61	79 62	77 57	76 58	78 59	80 61	75.8 59.8		
PAHALA 21	MAX MIN	78 63	72 63	77 61	76 59			79 59	79 61	76 59	79 60	77 64		80 66	80 61	78 61	79 62				80 64	80 60	78 60	79 65	81 65	77 61		80 59	80 60	80 62	78.5 61.4		
SOUTH KONA 2.31	MAX MIN																																
UPOLU POINT USCG 159.2	MAX MIN	83 69	83 66	84 69	86 68	82 67	84 67	84 68	81 67	82 68	81 69	83 68	84 70	85 68	84 68	82 68	81 70	83 68	84 66	83 67	79 68	82 67	82 67	83 68	83 68	83 70	82 68	83 66	81 69	82 67	83 69	82.7 67.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JUNE
1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	87 73	87 75	88 76	87 77	86 76		89 75	87 76	87 76	88 74	87 76	86 72		87 71	87 73	88 75	88 73	88 76	89 76		87 75	87 73	88 74	88 77	89 79	89 78		89 79	89 79	88 76		87.7 75.4
JOHNSTON WSO AP	MAX MIN	82 74	81 76	82 76	83 75	84 75	85 77	83 76	83 77	83 77	84 74	83 72	83 76	83 76	83 77	83 77	82 75	82 76	82 74	82 75	82 76	82 76	82 77	82 77	82 76	82 77	82 77	82 77	82 77	82 77	82 77	82 77	82.7 75.3
LEONE	MAX MIN	86 77	83 79	88 80	88 79	88 80	83 78	88 82	88 81	88 82	86 83	87 80	87 80	87 81	85 80	85 80	81 76	83 79	86 79	88 80	90 82	88 80	88 80	87 78	90 80	89 78	85 76	84 79	87 81	83 74	85 78	85 78	86.3 79.3
FRENCH FRIGATE SHOALS	MAX MIN	83 70	84 72	83 71	84 75	81 67	81 71	78 69	78 70	81 76	81 72	80 73	81 73	82 75	83 76	84 72	80 76	82 74	82 75	81 71	83 71	81 70	85 72	82 70	81 72	81 72	81 72	81 72	81 72	81 72	81 72	81.1 72.4	
MIDWAY SAND ISLAND	MAX MIN	79 70	81 72	79 71	75 70	73 67	75 67	72 62	73 67	83 68	79 70	80 69	79 72	80 74	81 73	82 69	78 70	80 72	79 72	80 70	80 70	80 72	80 72	78 71	78 72	80 72	80 72	77 73	77 68	79 71	79 74	78.5 70.4	
PAGO PAGO WSO AP	MAX MIN	84 73	83 72	85 72	86 73	85 74	81 75	85 72	85 71	85 71	85 78	85 76	84 73	84 76	84 78	83 75	82 75	83 74	86 72	86 71	85 70	85 70	87 72	84 69	85 70	84 71	86 74	84 72	82 74	83 76		84.4 73.1	
SWAIN ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	83 77	82 77	82 77	83 77	83 76	82 77	83 77	81 76	83 76	82 77	83 78	81 75	82 77	84 76	84 77	82 76	83 76	82 76	83 76	82 75	83 76	82 77	82 76	82 76	84 79	83 77	82 74	82 77	84 78	84 79		82.6 76.6
CLARK AFB LUZON	MAX MIN	90 75	88 73	90 75	88 75	90 70	90 75	84 72	90 72	88 70	88 73	84 73	86 72	88 72	90 73	84 70	84 72	88 70	88 72	88 72	88 70	90 72	88 73	91 73	84 73	75 72	84 73	84 73	82 73	77 73	77 72		86.2 72.4
GUAM NAS	MAX MIN	89 78	86 77	86 78	88 79	86 78	88 80	86 78	86 77	86 77	86 79	86 79	88 79	88 79	85 79	84 76	86 78	86 78	85 77	82 77	85 78	85 78	83 76	84 79	84 76	83 77	84 79	84 76	83 77	85 77	84 77		85.5 78.0
GUAM WSMO	MAX MIN	88 75	87 76	87 72	88 71	87 70	87 73	86 73	85 72	85 74	85 72	85 75	85 73	87 70	87 71	86 71	86 74	86 73	86 73	84 71	86 73	85 71	85 73	85 71	85 72	85 72	85 72	85 72	85 72	85 72	85 72		85.9 73.0
SAIPAN USCG	MAX MIN																																
WAKE WSO AP	MAX MIN	88 75	88 76	89 77	88 76	87 75	88 76	88 76	89 73	87 73	88 77	90 78	86 76	88 76	87 76	89 76	87 77	87 78	88 76	88 77	88 78	88 78	87 77	88 76	88 76	88 76	87 75	88 75	89 75	88 78	92 77	90 78	88.2 76.4
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN																																
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	90 76	87 75	95 78	90 76	90 77	90 76	90 75	91 76	88 76	86 76	89 76	87 76	82 74	83 76	86 76	89 78	88 78	84 73	83 76	89 77	88 77	82 75	86 74	86 73	88 78	87 78	89 78	91 77	90 75	91 77		87.8 76.1
KWAJALEIN MISSILE RGN	MAX MIN	86 77	81 75	86 77	86 79	86 78	86 78	87 80	86 78	80 77	86 78	87 77	87 76	87 75	87 79	85 74	82 74	84 71	85 76	85 75	87 80	86 78	87 75	86 76	82 74	86 78	87 78	86 76	87 77	85 77	85 77		85.5 76.8
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	85 74	85 74	86 75	86 77	86 76	85 76	85 75	87 74	87 76	84 74	83 74	85 74	85 76	83 74	83 72	83 73	82 76	85 75	85 76	85 76	85 78	86 76	86 76	86 74	86 74	85 74	86 74	85 78	86 77	86 77		85.0 75.0
METALANIM	MAX MIN																																
PONAPE WSO	MAX MIN	88 72	88 72	89 72	88 70	88 73	83 72	89 74	91 73	86 73	87 72	88 72	88 74	88 73	88 74	90 72	88 76	88 72	88 73	88 74	87 73	87 72	87 72	86 75	86 74	86 73	90 74	88 72	89 72	90 73	90 73	88 74	87.8 72.9
SATAWAN ATOLL	MAX MIN																																
TRUK, MOEN I. WSO AP	MAX MIN	88 75	88 76	88 76	88 76	88 76	87 75	86 75	85 75	84 74	86 74	83 75	87 76	87 74	81 74	87 76	86 75	86 73	82 74	90 75	86 74	87 76	84 76	83 74	87 77	88 75	88 75	88 75	88 75	88 75	88 75		86.4 75.3
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	88 74	89 76	89 75	89 74	88 72	81 74	88 76	88 72	87 74	85 72	87 73	86 74	84 73	86 71	87 75	85 70	86 73	87 75	86 77	87 75	87 77	84 70	88 74	86 74	84 72	85 72	86 72	86 74	87 73	87 71	87 73	86.5 73.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JUNE 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
■ ■ ■ [ISLAND OF KAUAI]																																
LIMUE WSO 1020.1 AP	EVAP	.35	.35	.21	.23	.28	.28	.28	.43	.40	.34	.34	.40	.41	.39	.38	.27	.38	.32	.35	.32	.42	.40	.32	.30	.36	.45	.45	.44	.38	.39	10.62
	WIND	89	89	73	64	107	127	97	174	203	207	172	143	117	186	224	217	275	257	239	234	240	227	179	173	216	188	221	183	225	225	5371
	MAX	88	86	85	83	83	82	86	86	84	81	83	85	85	85	86	86	80	81	81	80	81	83	85	85	85	83	84	84	84	84	83.8
	MIN	60	58	58	54	53	56	55	64	62	63	63	64	63	62	62	62	62	62	62	58	63	64	64	65	63	64	63	63	64	64	61.3
■ ■ ■ [ISLAND OF OAHU]																																
HONOLULU OBSERV 702.2	EVAP	.37	.40	.30	.13	.42	.30	.44	.45	.33	.35	.42	.30	.33	.45	.45	.45	.40	.43	.45	.45	.34	.38	.45	.30	.35	.39	.43	.30	.43	.35	11.34
	WIND	26	26	25	5	47	32	38	44	39	36	30	29	31	38	47	50	59	52	47	47	46	41	37	30	33	39	34	36	37	36	1117
	MAX	94	98	95	92	95	95	97	94	92	94	93	90	89	95	94	95	90	91	93	90	93	95	88	90	90	98	94	90	93	92	93.0
	MIN	71	70	70	69	72	70	71	71	68	70	69	76	68	69	69	70	69	70	69	69	69	68	68	71	67	64	68	68	69	67	69.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JUNE 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																
■ ■ ■ EAST OF 180TH MERIDIAN																																
JOHNSTON WSO RP	EVAP	.33	.31	.30	.29	.32	.32	.39	.33	.40	.39	.36	.35	.40	.40	.43	.42	.46	.34	.35	.35	.36	.40	.47	.35	.36	.33	.39	.39	.40	.29	10.98
	WIND	186	145	122	69	70	90	111	184	219	204	167	147	168	205	233	234	267	268	214	197	177	184	217	223	208	192	187	181	206	237	5512
	MAX	86	86	91	92	95	95	93	87	85	87	88	89	89	87	85	83	84	83	86	87	87	86	86	86	85	87	88	87	85	85	87.3
	MIN	69	70	68	68	69	71	70	69	69	70	69	68	72	71	69	69	68	68	69	68	68	69	69	69	69	70	69	69	69	69	69.1
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																
GUAM WSMO	EVAP	.14	.28	.24	.28	.25	.34	.29	.24	.21	.20	.24	.26	.22	.30	.33	.30	.30	.29	.29	.39	.20	.19	.19	.11	.29	.20	.30	.21	.24	.33	7.65
	WIND	99	69	60	60	82	119	125	128	138	122	152	175	180	72	123	148	160	128	171	193	142	95	76	172	308	177	125	141	108	60	3826
	MAX	90	90	90	90	86	87	86	83	84	85	82	85	89	91	87	83	85	86	85	80	85	84	80	77	84	86	85	90	88	90	85.8
	MIN	69	69	68	69	68	67	69	68	70	68	70	70	69	68	68	68	68	68	67	70	68	68	69	69	70	70	68	70	70	70	68.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A		C	MC BRYDE SUG CO LTD
EAST LAWA 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIIHAU	2	22 06	159 22	280				C	LIHUE PLANTATION CO LTD
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A	1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A		2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIIMEA	3	22 08	159 40	3600	7A	7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133		4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1		4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1		4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A		5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAWELI 965	A	5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R	6565	03	WAIIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANAIEI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040		8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIHAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHAI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943		9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947		9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHIIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA		0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1		0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A			NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		WI			D O W A L D
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 59	25					KIULIMA HOTEL
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANE OHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 49	240					MILNOR LOM
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A.
MORNALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			WAIALUA SUGAR CO. INC.
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			D L GRUBB
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20					MARK TAYLOR
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					JACK N. WHEELER
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40					SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					MOUNTAIN VIEW DAIRY
WAIANA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			WAIALUA SUGAR CO. INC.
WAIKAPU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			WAIHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH. LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					MISS MIRIAM DAVIS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			PUU O HOKU RANCH MOLOKAI RANCH COMPANY
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI			
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY DOLE COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A			
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR DOLE COMPANY
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAUER 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			LANAI COMPANY KOELE COMPANY
WAIAKEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO.
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					MAUI LAND-PINEAPPLE CO U OF H AGRIC EXP STA
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO HALEAKALA NAT PARK
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			LKHEED SP & MSLE DIV MAUI LAND-PINEAPPLE CO
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO HARRY HASEGAWA
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES CLOSED 5/31/76
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS MAUI LAND-PINEAPPLE CO
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO STATE DIVISION OF PARKS
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC EDWARD CHANG
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD NATL WEATHER SERVICE
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			
KAAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD KAUPO RANCH
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO E MAUI IRR CO LTD
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL HAWAIIAN COM & SUG CO
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC U H AGRICULTURE EXP STN
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920					
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					MAUI LAND-PINEAPPLE CO KENNETH WILLEY
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM PIONEER MILL CO LTD
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		WI			PIONEER MILL CO LTD PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD PIONEER MILL CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					MAUI LAND-PINEAPPLE CO MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 50 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO PIONEER MILL CO LTD
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A			E MAUI IRR CO LTD HAWAIIAN COM & SUG CO
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			KAUPO RANCH CO. WAILUKU SUGAR CO
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY E MAUI IRR CO LTD
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO EAST MAUI IRRIGATION CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO KAOHOU RANCH
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIIEHU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPTULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A		C	K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DI
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF LAN RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAW 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAE SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
CLOSED STATIONS												
ISLAND OF MAUI												
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			CLOSED 5/31/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JUNE 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20		6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6		8P	8A		U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10		MID	MID		U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12		MID	MID	J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6		MID	MID		AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624		MID	MID		AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475		MID	MID		U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254		MID	MID		U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60			7A		GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47			8A		DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11		MID	MID	J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15			8A		USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10		MID	MID		U S COAST GUARD
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10		MID	MID		ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94		MID	MID	J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I., KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7		MID	MID		JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10		MID	MID	J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30		8A	8A		REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27			5P		ESHIAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10			8A		BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123		MID	MID	J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		MID	MID		ANTER EKO
TRUK, MOEN I., WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5		MID	MID	J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7		MID	MID		HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44		MID	MID	J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
										30° or Above	32° or Below	32° or Below	0° or Below											
HAWAII																								
NOVEMBER 1975																								
HANA AIRPORT 355	80.1	67.7	73.9		84	3	60	19		0	0	0		6.82		2.80	20	.0	0		12	3	1	
DECEMBER 1975																								
UMIKOA 118														1.31	-11.01	.33	1	.0	0			0	0	
JANUARY 1976																								
KAANAPALI AP 453.1	79.2	63.7	71.5		82	30+	59	27+		0	0	0		1.34		1.15	31	.0	0		2	1	1	
UMIKOA 118														14.61	8.63	8.88	16	.0	0					
FEBRUARY 1976																								
HANA AIRPORT 355	76.1M	64.9M	70.5M		82	6	56	2		0	0	0		4.24		1.92	1	.0	0		10	2	1	
MARCH 1976																								
HANA AIRPORT 355	76.6M	64.8M	70.7M		79	31+	59	14+		0	0	0		15.02		3.15	10	.0	0		6	5		
KAANAPALI AP 453.1	77.6	64.3	71.0		82	19	57	13+		0	0	0		2.90		1.22	2	.0	0		6	2	1	
PACIFIC																								
NOVEMBER 1975																								
GUAM NAS	84.6	76.6	80.6	- .4	88	5	71	11		0	0	0	0	10.72	2.00	2.90	19	.0	0		16	7	2	
LELE I. KUSAIE	87.2	75.7	81.5	.1	91	27+	72	10		8	0	0	0	7.10	- 9.44	1.04	24	.0	0		15	7	1	
FRENCH FRIGATE SHOALS	82.0	70.5	76.3	.4	85	8+	61	25		0	0	0	0	3.87	.37	1.27	24	.0	0		7	3	1	
MIDWAY SAND ISLAND	78.4	70.5	74.5	2.0	84	8+	60	27		0	0	0	0	3.64	-.31	1.01	19	.0	0		9	1	1	
SAIPAN USCG	87.2	74.8	81.0		89	11	69	5		0	0	0	0	9.37		2.07	20	.0	0		15	8	3	
WOLEAI ATOLL	88.7	74.2	81.5		91	24+	71	18+		16	0	0	0	17.87		2.05	10	.0	0		20	11	7	
DECEMBER 1975																								
GUAM NAS	84.9	77.4	81.2	1.0	87	31+	76	11+		0	0	0	0	2.68	- 2.39	.80	3	.0	0		11	1	0	
WOLEAI ATOLL	88.0	75.9	82.0		90	13+	72	31+		3	0	0	0	9.40		1.22	17	.0	0		20	7	2	
JANUARY 1976																								
FALALOP I. ULITHI	85.4	78.5	82.0		88	13+	72	7		0	0	0	0	12.10		3.34	30	.0	0		21	7	4	
GUAM NAS	84.3	76.9	80.6	1.2	88	19	75	30+		0	0	0	0	18.09	- 13.53	4.33	23	.0	0		18	7	5	
LELE I. KUSAIE	89.0M	76.3M	82.7M		91	3	71	10		0	0	0	0	9.95	- 8.33			.0	0					
MIDWAY SAND ISLAND	70.2	60.8	65.5	.2	76	13+	51	29		0	0	0	0	5.48	.81	1.38	21	.0	0		11	5	1	
WOLEAI ATOLL	87.9	74.9	81.4		90	15+	71	28+		6	0	0	0	5.61		1.61	30	.0	0		11	3	2	
FEBRUARY 1976																								
GUAM NAS	83.7	76.6	80.2	.8	87	28+	73	22		0	0	0	0	9.25	6.53	1.27	9	.0	0		12	8	4	
MIDWAY SAND ISLAND	68.4	58.9	63.7	- 1.8	74	23+	51	3		0	0	0	0	7.84	4.12	1.77	3	.0	0		11	7	2	
MARCH 1976																								
ANGUAR														8.52	1.68	5.00	30	.0	0				2	
APRIL 1976																								
KAPINGAMARANGI ATOLL	86.3	74.2	80.3		90	18	70	23+		1	0	0	0	17.24		2.61	19	.0	0		23	13	6	
LELE I. KUSAIE	88.8	75.1	82.0	1.1	92	30+	72	18+		13	0	0	0	16.60	- 6.62	3.28	14	.0	0		20	10	4	

See Reference Notes Following Station Index

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station	Total	Day of Month																																																																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																																											
HAWAII																																																																											
• • •																																																																											
OCTOBER 1975																																																																											
KPAWAKAPU BEACH 260.2	.13																																.01	.01	.01																										.10	.15				.07									
KONA VILLAGE 93.8	.22																																																																										
• • •																																																																											
NOVEMBER 1975																																																																											
HANA AIRPORT 355	6.82	.09	.01	T	.07	T	.19	.03	.36	.23	.09	.22	.17		T		.23	.26	.03	T	2.80	.39	.03	.03	.22	.72	.18	.73	.01	.45																																													
MOULOA 725.2	A 15.91	•	•	•	.11	•	•	•	.32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
KEAWAKAPU BEACH 260.2	A 2.23	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
MOUNT MAIALAELE 1047	R	.24	.47	.16	.55	3.35	2.09	2.01	2.13	1.38	1.14	1.69	.24	.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																											
• • •																																																																											
DECEMBER 1975																																																																											
HALEPIULA 117	A 1.75	.75	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.45	•	.23																																										
MOULOA 725.2	A 1.68	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
PUU KIME 120	A .97	.97	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
PUU MAHI 113	A 1.16	1.16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
UMUKA 118	A 1.31	.33	.02	•	.05	.03	•	•	.23	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.26	•	.19																																										
• • •																																																																											
JANUARY 1976																																																																											
HALEPIULA 117	A .30	.30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
KANAPALI AP 459.1	A 1.34	•	•	•	•	.28	.49	.22	.03	.05	•	•	.39	.12	.01	•	.11	•	•	.25	•	.02	•	•	•	•	•	•	•	•	•	•	•																																										
KAPALANA 773	A 2.03	•	•	•	•	.14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
KEAWAKAPU BEACH 260.2	A 1.83	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
MANOA 712.1	A 2.67	.15	•	.04	.05	.20	.02	.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
MOMIHI UPR CROSS 1083	A 10.86	.17	.09	.09	•	•	2.41	.34	.09	.09	•	•	•	•	•	•	1.46	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.30	1.95	1.52																																									
PUU KIME 120	A .53	.53	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
PUU MAHI 113	A .46	.46	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
UMUKA 118	A .46	•	•	•	•	1.35	.74	1.69	.01	.07	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
• • •																																																																											
FEBRUARY 1976																																																																											
HANA AIRPORT 355	A 4.24	1.92	•	•	•	•	•	•	•	1.42	.85	.08	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.10	•	•																																										
POHAKAUA BRIDGE 307.2	A 2.90	.47	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
PUU LAU 102.1	A 2.10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
• • •																																																																											
MARCH 1976																																																																											
HANA AIRPORT 355	15.02	•	.65	.35	.36	2.55	.42	1.16	1.02	.16	3.19	.03	.42	T	•	•	•	2.43	•	•	•	.36	.30	.37	.10	.18	.10	.13	.09	.01	.10	.34	•																																										
KANAPALI AP 459.1	2.90	.02	1.22	•	.03	.56	.01	.06	.01	•	.19	.02	.20	T	•	•	•	.01	.42	•	T	•	.03	.01	•	•	•	•	•	•	.13	.04	•																																										
KEAWAKAPU BEACH 260.2	A 2.00	.43	•	•	.01	.45	.01	•	•	•	.69	.07	.10	T	•	•	•	.02	.22	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
MOMIHI UPR CROSS 1083	A 16.17	2.23	•	•	•	•	•	.10	•	3.65	.10	.20	.20	.30	.20	.10	.18	.18	.44	.35	.09	.62	.18	.09	.18	.88	.26	•	.44	1.06	4.44	•	•																																										
• • •																																																																											
MAY 1976																																																																											
MAKANA KAI 796.1	A .03	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•																																										
MOMIHI UPR CROSS 1083	A 2.22	.09	•	•	.09	•	•	T	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.01	.02	•																																										
• • •																																																																											
PACIFIC																																																																											
• • •																																																																											
NOVEMBER 1975																																																																											
GUAM NAS	10.72	.17	.14	T	•	.16	.03	.17	.41	.57	.54	1.77	.32	.48	.01	.05	.71	.36	.47	2.90	.68	.09	.01	.55	T	.03	•	T	.09	T	T	•	•																																										
LELE I. KUSAIE	7.10	.31	•	•	.82	.05	.01	.04	.03	.71	.26	.76	.11	.32	.03	.12	.01	.62	•	.90	.54	•	.04	.13	1.04	.11	•	.02	.18	•	•	•	•																																										
FRENCH FRIGATE SHOALS	3.87	.11	•	•	.03	.03	.63	•	.04	.05	•	.03	.07	.03	.06	.03	•	•	•	.02	.02	.36	.22	1.27	.10	.71	.70	.23	.03	•	•	•	•																																										
MIDWAY SAND ISLAND	3.04	•	.02	•	•	.10	•	.01	.10	.33	.09	T	•	•	•	•	T	.02	.35	1.01	•	.09	T	•	•	.48	.21	.40	.49	•	•	•	•																																										
SAIPAN USCG	9.37	.06	.06	•	.01	.03	.50	.83	.02	.25	1.93	.09	.03	.61	.29	.02	.04	.25	1.18	2.07	.44	•	•	.15	.13	.18	.16	.22	.02	•	•	•	•																																										
WOLEAT ATOLL	17.87	.05	.90	.72	.01	.22	•	•	•	•	2.02	1.40	2.05	.75	•	.12	.45	1.70	1.79	.26	.54	.11	•	2.00	.21	.21	.29	1.88	.19	T	•	•																																											
• • •																																																																											
DECEMBER 1975																																																																											
GUAM NAS	2.68	.01	.12	.19	.12	.80	.19	.12	.01	.02	T	T	T	.09	.08	.06	.15	T	T	•	.11	.01	•	.19	.08	•	.13	.23	.15	T	•	.01	•																																										
WOLEAT ATOLL	9.40	.31	.84	.12	.19	.03	•	.29	•	.57	.16	.03	•	.59	.14	•	.29	1.22	.42	.93	1.18	.74	•	.19	.33	.17	.07	.29	.36	•	•	•	•																																										
• • •																																																																											
JANUARY 1976																																																																											
FALALOP I. ULITHI	12.10	•	.15	.12	.05	.12	.23	.03	•	•	.13	.09	•	.35	.13	.37	.03	.31	1.13	.10	.05	.80	.76	.74	.25	.15	1.00	•	.33	1.22	.34	.12	•																																										
GUAM NAS	18.09	2.98	.07	.59	•	.07	.22	.03	T	.22	.01	•	.32	T	.13	•	.11	.19	T	.13	T	.08	.14	.25	.40	.33	3.25	1.94	.32	.47	.74	1.40	•																																										
LELE I. KUSAIE	9.95	•	2.84	2.38	.05	•	.03	.02	•	•	•	.09	•	•	•	•	•	•	2.34	.53	.33	.01	.02	.02	.02	.02	.47	.68	.10	•	.05	T	•																																										
MIDWAY SAND ISLAND	5.48	.76	.34	.14	.03	.01	•	.04	.50	.05	•	•	•	.17	.06	•	.21	•	•	T	1.38	.69	.10	.08	.03	.01	.02	.63	.19	.01	.01	•	•																																										
WOLEAT ATOLL	5.61	•	•	•	•	.15	•	.29	•	•	•	•	•	•	•	•	.01	.15	.04	.15	1.30	T	.51	T	•	.31	.41	.05	.39	1.61	.09	•	•																																										
• • •																																																																											
FEBRUARY 1976																																																																											
GUAM NAS	9.25	.71	.93	.04	.41	.03	1.14	1.26	.66	1.27	.03	.70	.37	.10	T	T	.01	T	.01	.36	T	•	.32	.05	.28	•	.01	T	•	.01	1.20	•	•																																										
MIDWAY SAND ISLAND	7.84	.06	.03	1.77	.69	.01	•	•	•	.56	•	•	•	T	1.00	.93	.43	•	.02	.71	.08	.04	.32	•	•	•	•	.36	.50	•	•	•	•																																										
• • •																																																																											
MARCH 1976																																																																											
ANGUAR	8.52	.02	•	.10	•	.50	•	.20	•	•	.08	.01	•	.02	.05	1.09	.06	.07	.13	•	.01	•	.02	•	•	•	•	.22	•	.41	9.00	.53	•																																										
• • •																																																																											
APRIL 1976																																																																											
KAPINGAMARANGI ATOLL	17.24	.61	.20	•	1.01	•	.49	.18	.28	•	.05	.92	.19	.11	1.00	•	.02	.35	1.57	2.61	1.14	.75	.24	.82	.97	1.30	.88	.85	.15	•	.09	•	•																																										
LELE I. KUSAIE	16.60	.21	.16	2.64	1.04	.12	.46	.97	•	2.45	.39	.16	.19	.79	3.28	.66	.33	.61	.01	•	•	•	.04	.05	.77	.49	.10	•	.46	.02	•	•	•																																										

HAWAII AND PACIFIC

A-3

HAWAII AND PACIFIC

A-4

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

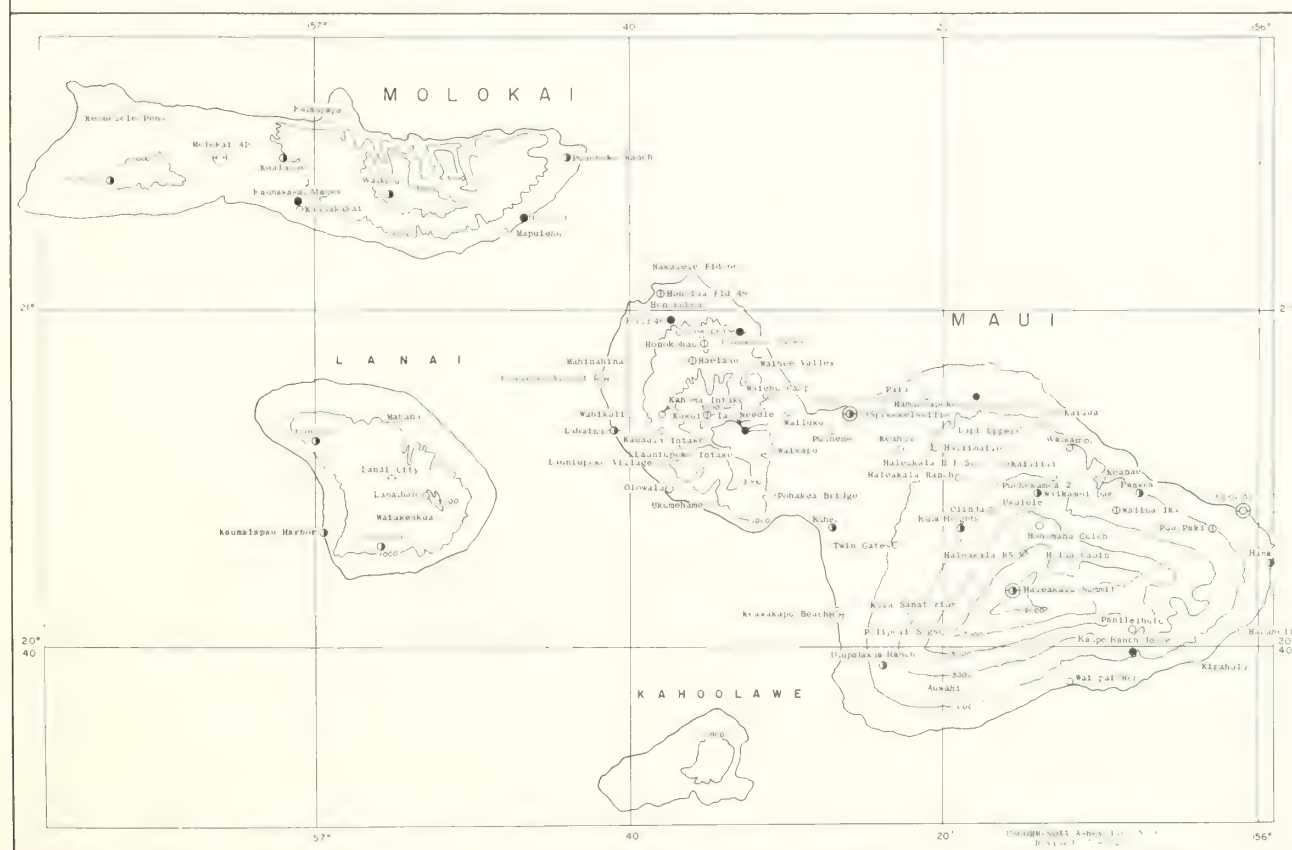
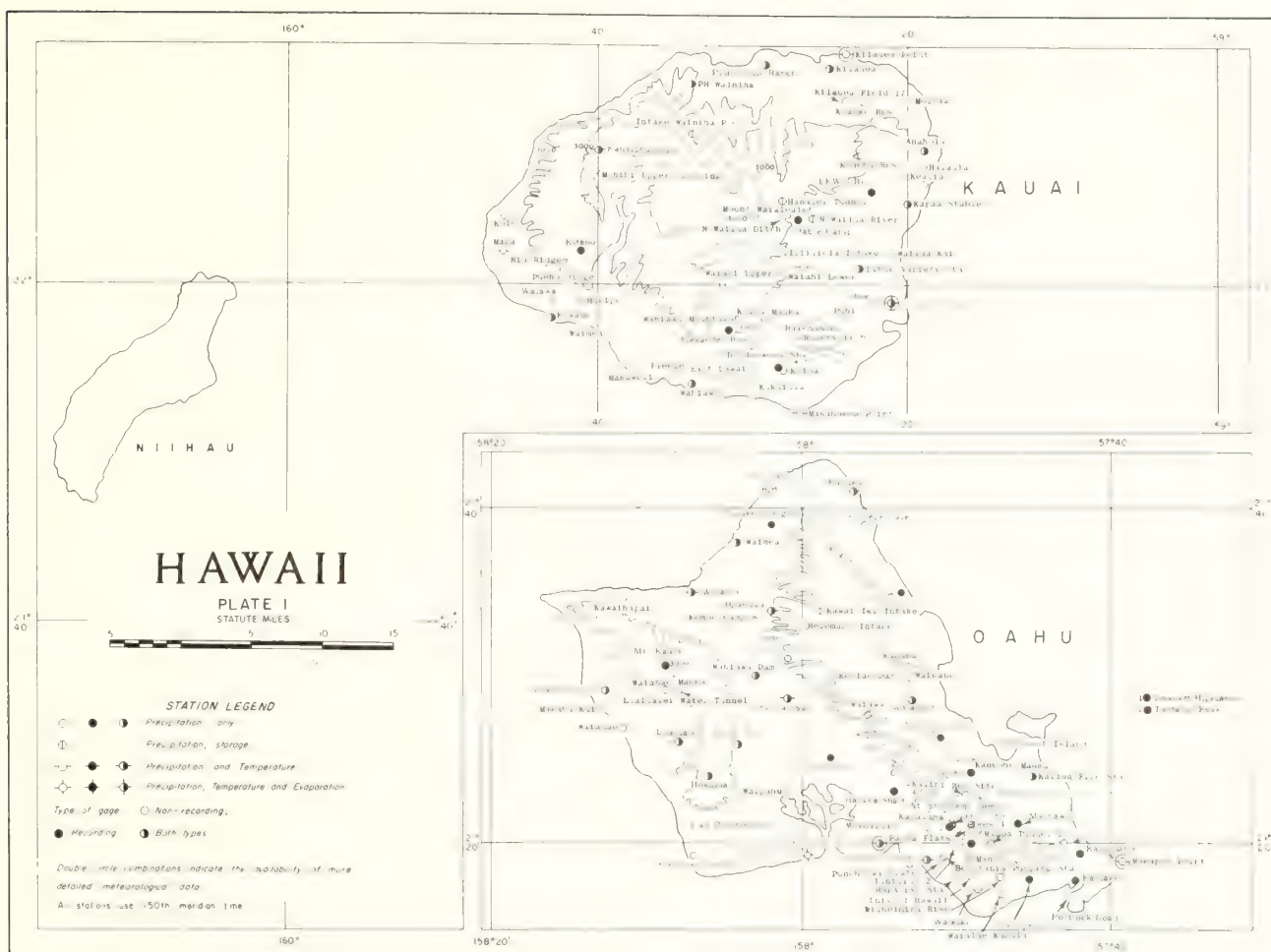
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

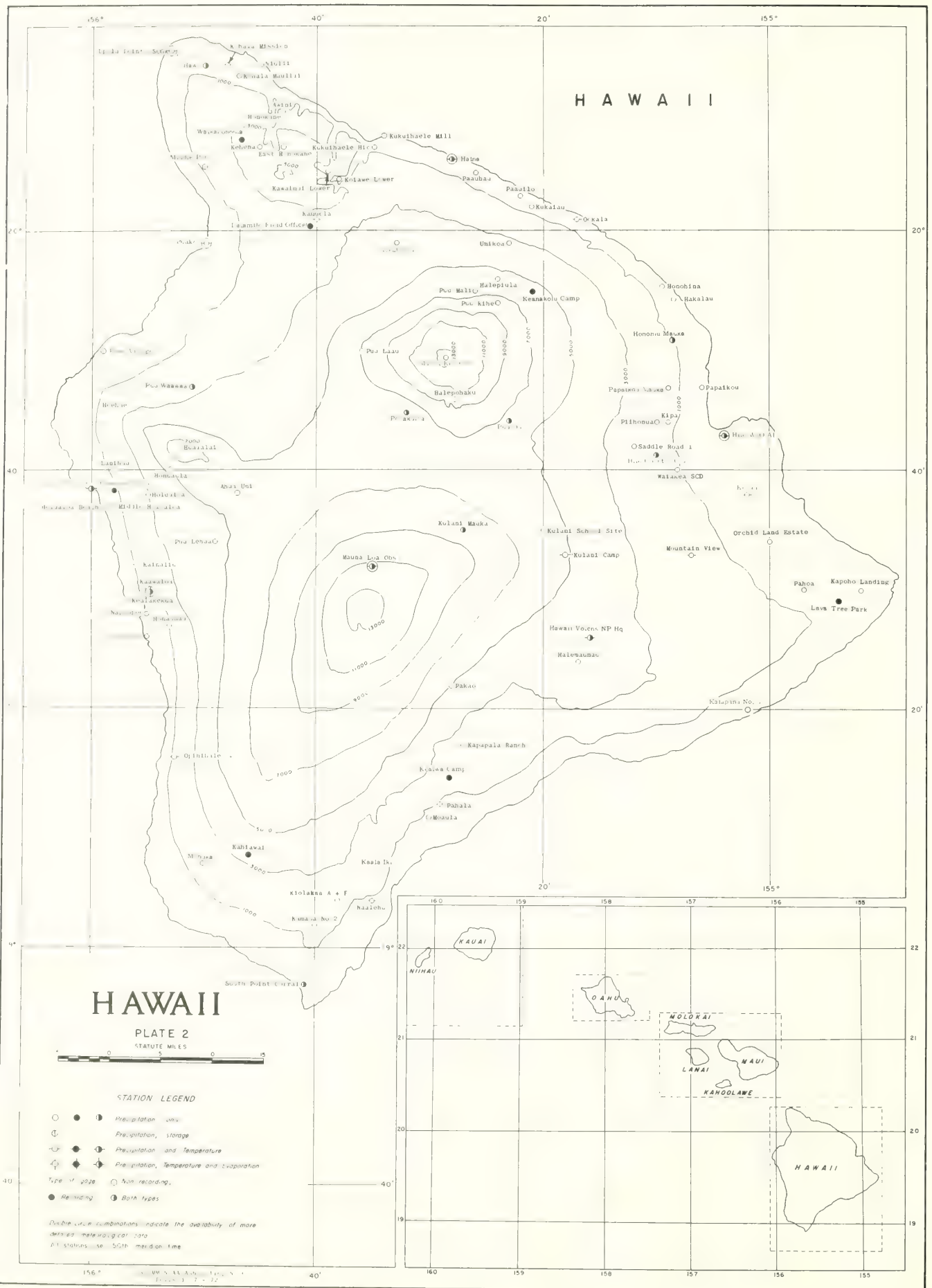
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

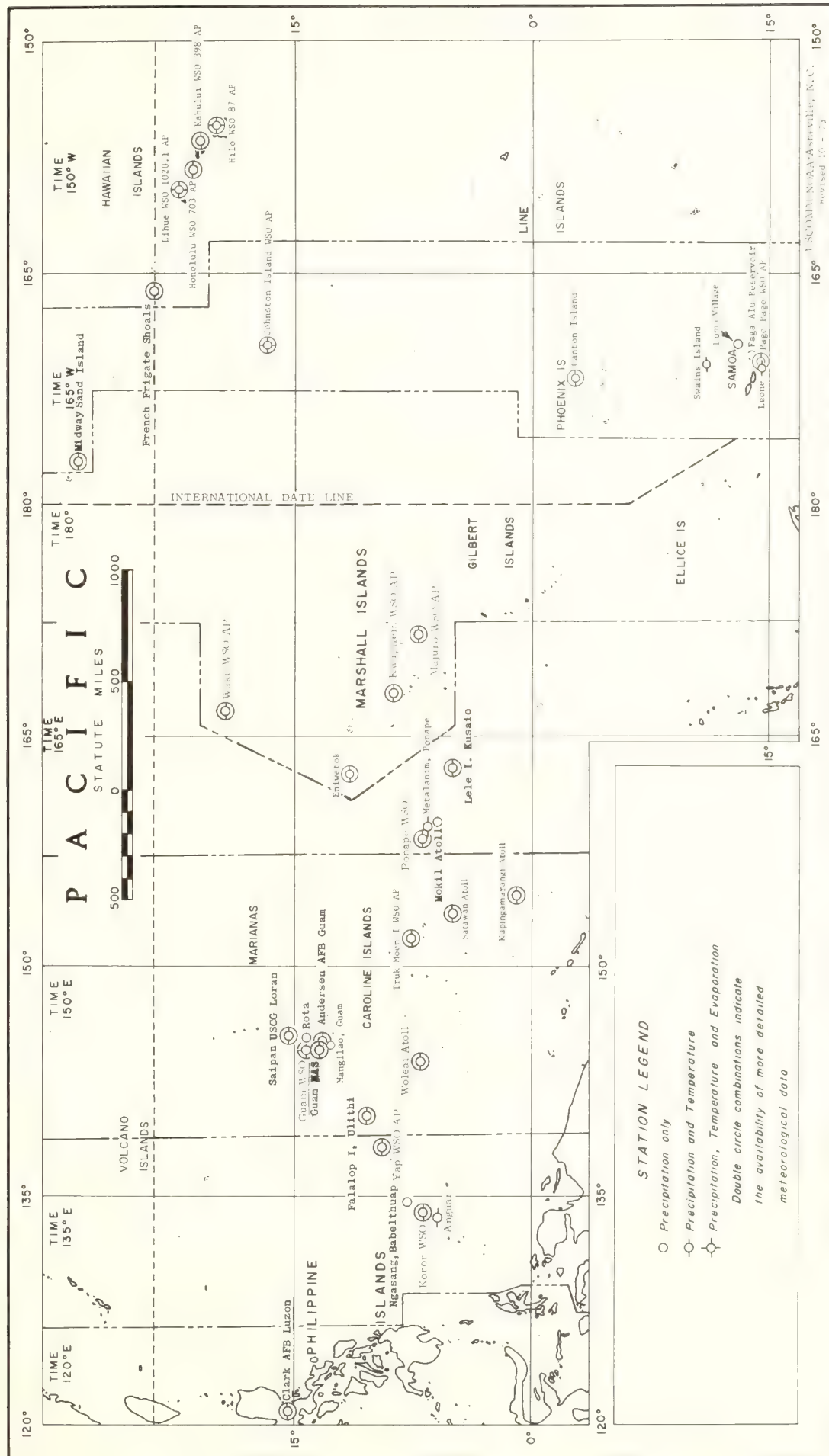
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

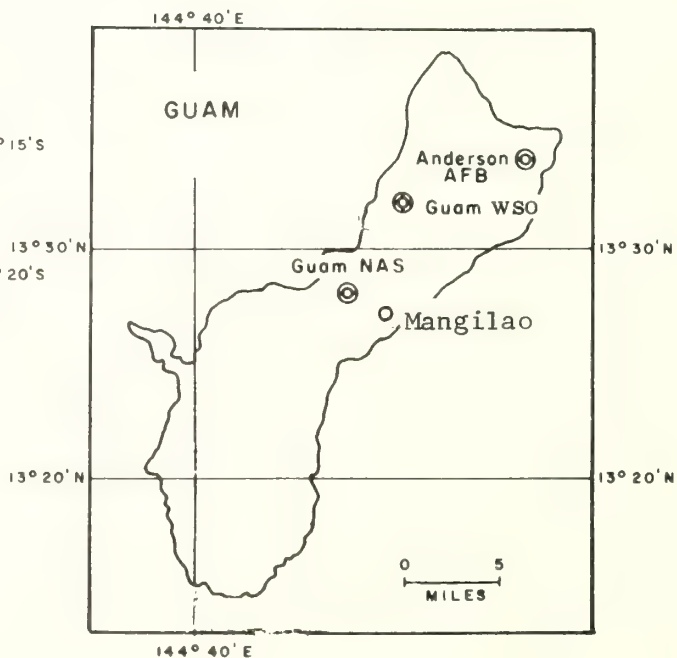
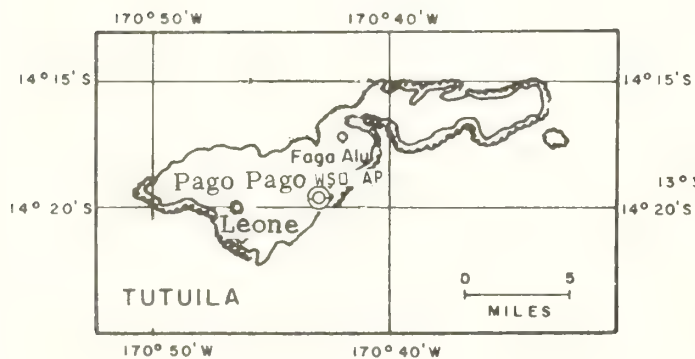
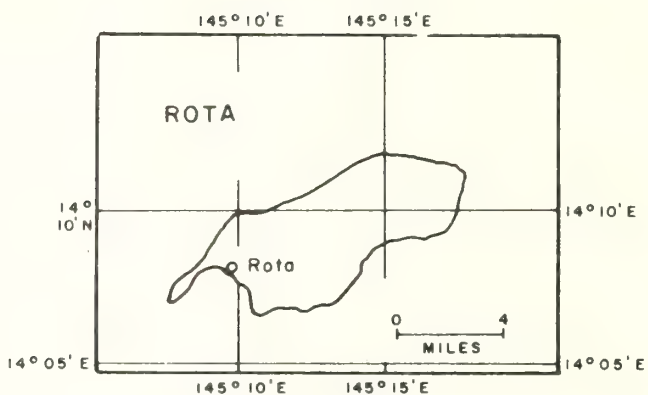
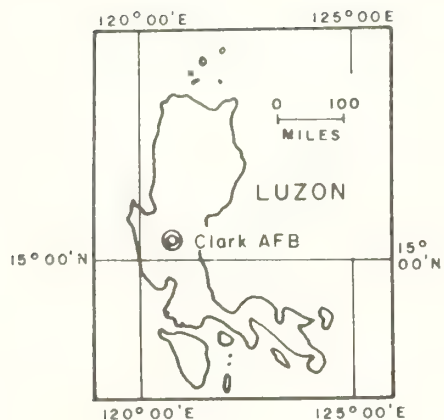
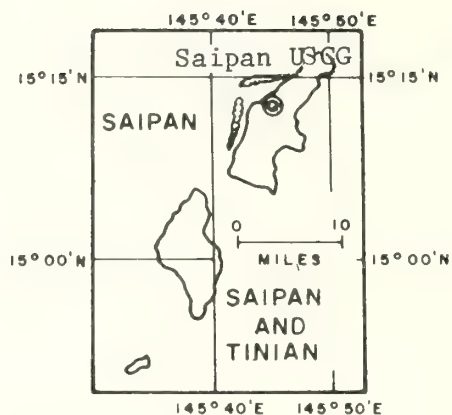
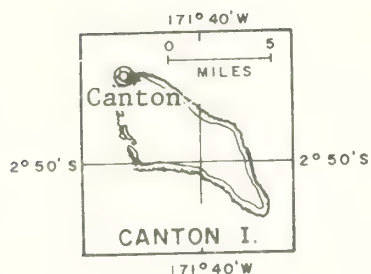
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

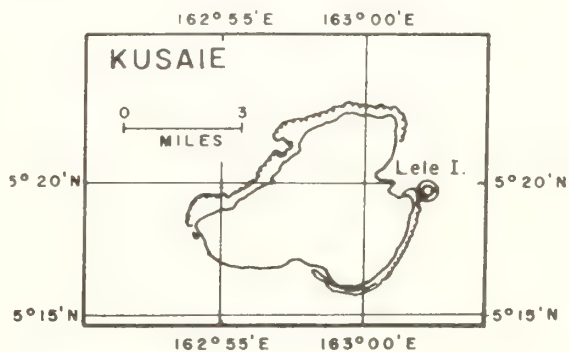
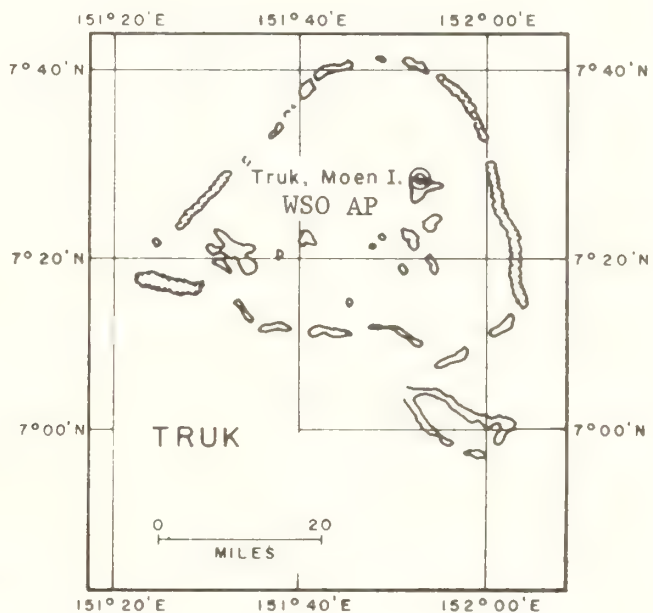
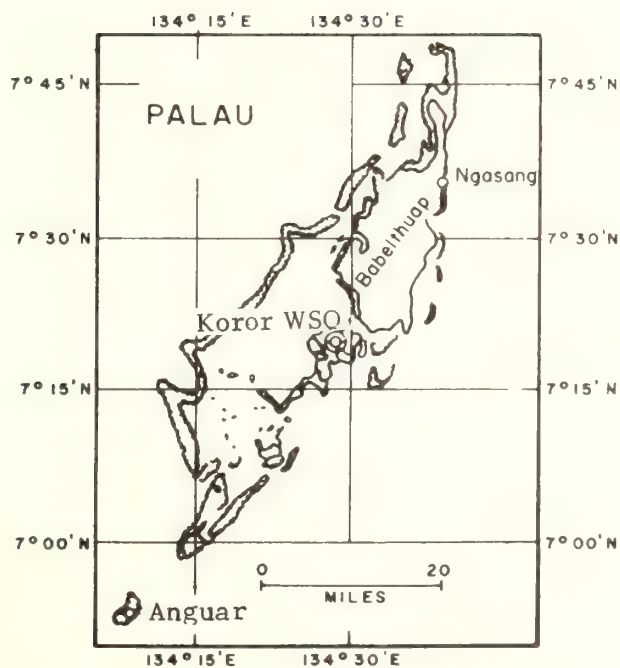
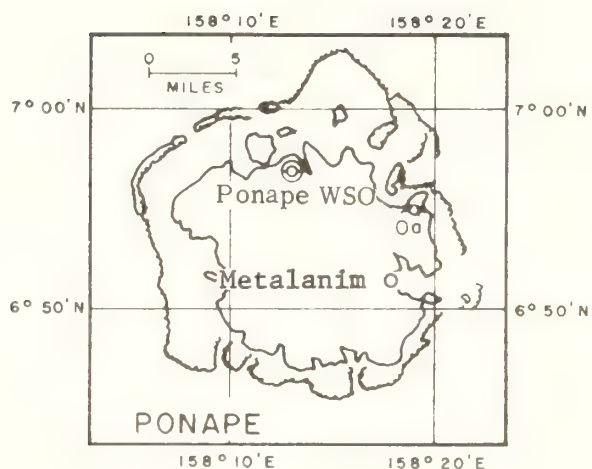
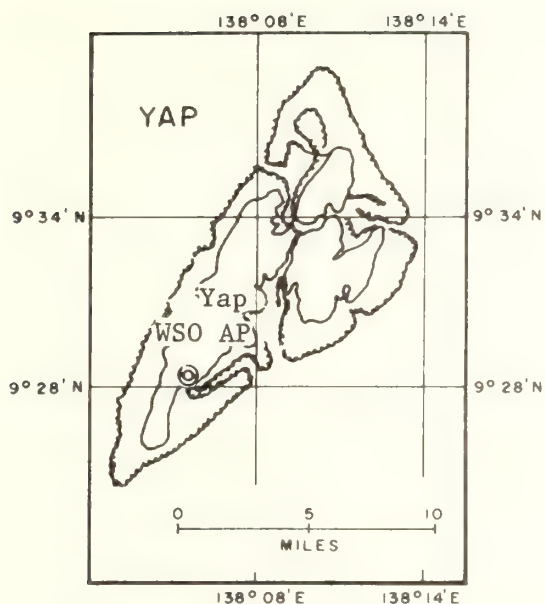




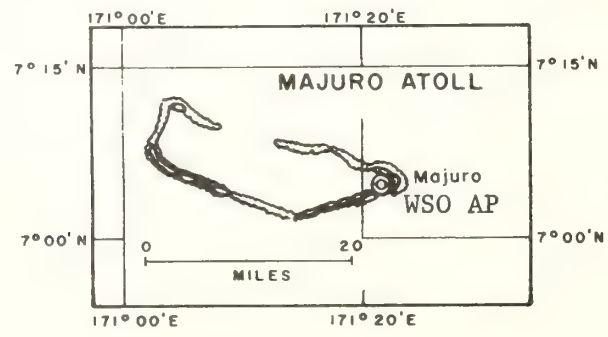
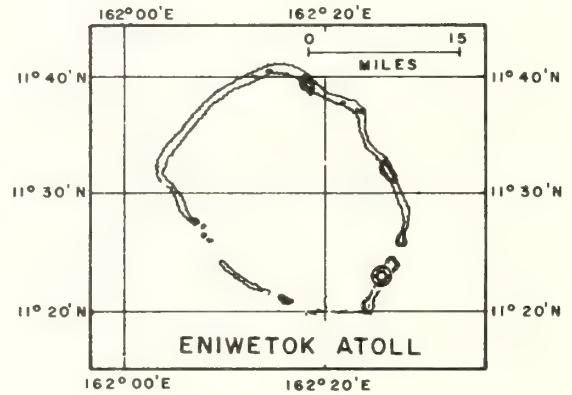
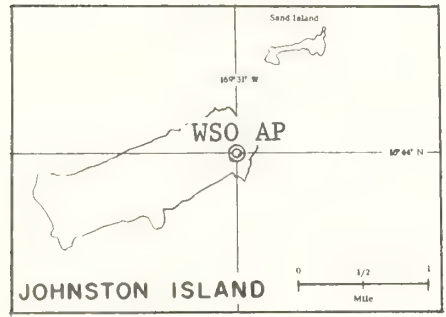
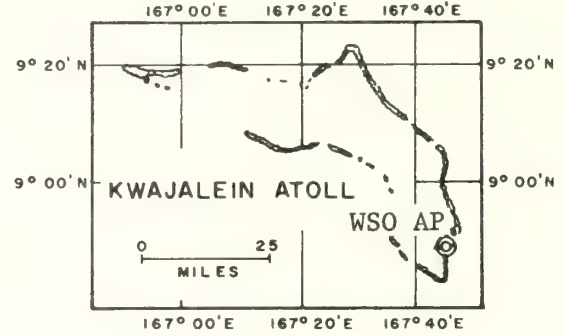
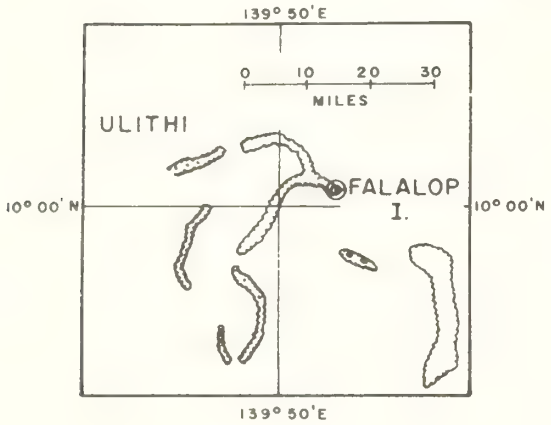
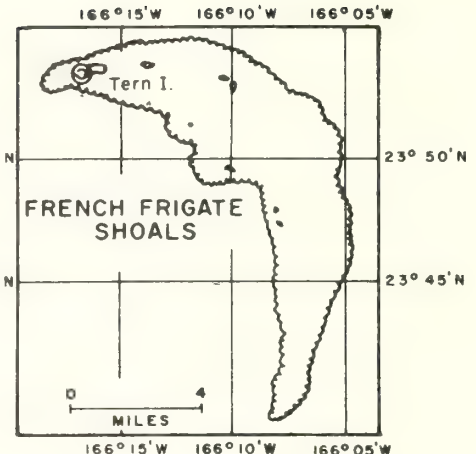
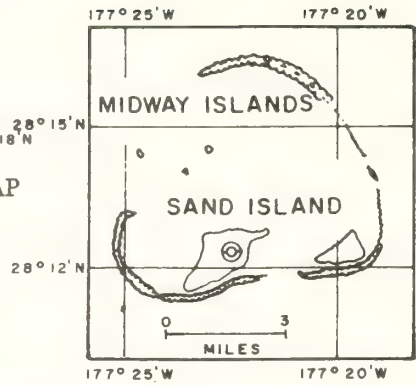
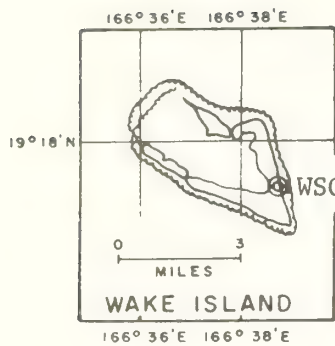




Reef



— Reef



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THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: KEAWAKAPU BEACH 260.2 MAUI 93 DATE 16
 LOWEST TEMPERATURE: MAUNA LOA SLOPE 09S HAWAII 32 DATE 20
 GREATEST TOTAL PRECIPITATION: MANOA TUNNEL 2 716 OAHU 17.12
 LEAST TOTAL PRECIPITATION: 13 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: MANOA LYON ARBORETUM OAHU 4.92 DATE 25

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE SKY COVER SUNRISE TO SUNSET		
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME GREENWICH CIVIL				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							12	18	00	06											
GUAM WSO AP	-	-	-	23	NE	13	-	80	79	94	2	8	10	5	4	1	30	54	8.7		
HILO, HAWAII, WSO AP	1	0.8	6.1	16	E	12+	89	84	70	82	3	8	17	3	0	0	31	51	7.1		
HONOLULU, OAHU, WSO AP	6	12.6	13.1	28	NE	04	62	58	47	59	10	11	0	0	0	0	21	66	5.6		
JOHNSTON ISLAND WSO AP	9	17.9	18.3	32	E	16	78	79	71	78	6	9	1	0	0	0	16	87	5.5		
KAHULUI, MAUI, WSO AP	5	15.2	15.8	34	E	03	75	69	53	67	9	7	0	0	0	0	16	72	3.6		
KOROR WSO AP	25	4.7	7.7	24	SW	16	83	-	80	76	3	5	7	2	3	0	20	43	8.7		
KWAJALEIN WSO AP	9	8.4	10.5	30++	E	17	82	84	75	78	4	6	11	5	2	0	28	-	8.7		
LIHUE, KAUAI, WSO AP	6	14.2	14.8	25	E	11	78	75	63	74	4	17	7	0	0	0	28	66	5.9		
MAJURO WSO AP	8	6.4	8.3	25	E	16+	85	86	78	82	6	4	10	4	3	3	30	52	9.0		
PAGO PAGO WSO AP	10	10.3	12.6	26	NE	28+	87	86	77	82	2	10	13	1	3	0	29	31	7.8		
PONAPE WSO AP	-	-	-	13	NE	02	94	-	76	78	1	9	11	2	4	1	28	37	8.7		
TRUK,MOEN I., WSO AP	25	2.8	9.6	33	SW	12	87	-	79	77	2	9	4	3	6	0	24	47	9.2		
WAKE WSO AP	11	15.1	15.8	32	NE	09	86	87	68	74	4	13	6	2	0	0	25	89	5.2		
YAP WSO AP	26	2.9	7.1	28	SW	19+	91	-	81	76	2	3	14	1	3	1	24	60	8.5		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Thomas D. Potter

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL
DATA SERVICE / NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1976

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											80° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE
HAWAII																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A													3.07		.80	20		0			1	0	0
KANALOHULU 1075		70.9	55.7	63.3		76	24+	48	31	0	0	0	0	3.09		.92	31		0		8	2	0	1
YAPPA STABLES 1104	M													3.90		1.00	20		0					
KILAUEA POINT 1133		82.0M	71.5M	76.8M						0	0	0	0	4.10					0					
KOLOA 936	A													5.62		.72	20		0					
LIHUE WSO 1020.1 AP	//R	84.5	75.3	79.9	- 1.5	87	24	73	31	0	0	0	0	2.09	.22	.34	26		0		7	0	0	0
HANA 1026		86.1	65.0	75.6	- 2.2	90	26	62	25+	1	0	0	0	1.01	.39	.25	29		0		5	0	0	0
N. WAILUA DITCH 1051	A													12.80		2.84	20		0					
PH. WAINIHA 1115														5.97	- 4.03	1.84	20		0					
PUEHU RIDGE 1040														1.40	.14	.72	31		0		4	1	0	0
WAIHAWA 930	A													2.75	.98	.50	20		0			1	0	0
WAIHAI LOWER 1054		79.7	64.9	72.3		83	16+	62	31+	0	0	0	0	11.33	1.66	2.00	20		0		25	6	4	0
WAIHIA 947														.55	.11	.20	31		0		3			
ISLAND				73.6										4.44					0					
ISLAND OF OAHU																								
ALOMA STADIUM-HALAWA	M	M	M							0	0	0	0	.71					0			0	0	0
B. Y. U. LAIE 903.1		83.3	71.0	77.2		85	13	69	20+	0	0	0	0	1.82		.32	25		0		8	0	0	0
HONOLULU OBSERV. 702.2														.24		.08	22		0			0	0	0
HONOLULU WSO 703 AP	R	86.6	72.9	79.8	- .3	89	30	70	31+	0	0	0	0	.24	- .36	.06	26		0			0	0	0
KANEJHE MAUKA 781		80.4	70.7	75.6	- 1.0	83	31+	67	23	0	0	0	0	3.88	- .62	.42	26+		0		13	0	0	0
KOOLAU DAM 833	A													10.86		2.34	11		0		21	6	3	0
LUALUALEI 804	A	85.0	71.0	78.0		88	24+	66	30	0	0	0	0	.30		.08	28		0			0	0	0
MANOA LYON ARBORETUM		77.2	64.6	70.9		83	31	63	23+	0	0	0	0	16.76		4.92	25		0		19	11	4	1
NUUANU RES. 4 783														7.56		1.70	25		0		19	5	1	0
OPAEULA 870	A	79.3	66.2	72.8	.4	80	31+	63	30	0	0	0	0	2.14		.80	20		0			1	0	0
PAOLO VALLEY 718	R													9.38	- 1.82	3.20	25		0			4	2	0
PRI. WAIHAWA 820.2	A													1.97					0					
WAIHAWA DAM 863	A													7.41					0			0	0	0
WAIHOLE 837	M													1.54		.32	20		0					
WAIHOLE 896.3		81.4M	70.8M	76.1M		84	31	68	1	0	0	0	0						0			0	0	0
WAILUA 847	A	84.2	66.4	75.3	- .8	88	31	63	29+	0	0	0	0	.46	- .49	.28	20		0		1	0	0	0
WAIKIKI 717.2		85.6	68.7	77.2		88	30	64	31	0	0	0	0	.53		.10	19		0			1	0	0
WAIMANALO EXP. FARM		82.4	70.9	76.7		84	31+	68	11	0	0	0	0	1.56		.28	25		0			6	0	0
WAIPIAHU 750	A													.37		.10	20		0			1	0	0
ISLAND				76.0										3.76					0					
ISLAND OF MOLOKAI																								
KUALAPUU 534	A													1.10					0			0	0	0
MAUNALO A 511	A													.69					0					
MOLOKAI AP 524																			0					
ISLAND														.90					0					
ISLAND OF LANAI																								
LANAI CITY 672	A													3.42	1.28				0					
ISLAND														3.42					0					
ISLAND OF MAUI																								
HALEKALALA B. E. S. 434	A	66.4	46.4	56.4	.0	74	23	39	30+	0	0	0	0	1.57		.32	11		0		5	0	0	0
HALEKALALA RS 338		81.2M	68.4M	74.8M		84	25	58	18	0	0	0	0	.68	- 1.69	.27	25		0		3	0	0	0
HANA AIRPORT 355														4.32					0					
HONOKOHU 493	M													.93					0					
KANAPALI AP 453.1		83.6	68.4	76.0		85	30+	65	29	0	0	0	0	.47		.26	20		0		1	0	0	0
KAHULUI WSO 398 AP	R	86.4	70.4	78.4	.2	89	31	60	30	0	0	0	0	.19	- .20	.08	11		0			0	0	0
KAILUA 446										0	0	0	0	7.95	- 2.72				0					
KEANAE 346	A													12.50					0					
KIPAHULU 258														4.34	- 4.58	.93	12		0		12	3	0	0
KULA SANATORIUM 267		74.3	58.1	66.2	.6	77	27+	55	19	0	0	0	0	.56	- 1.61	.15	25		0		4	0	0	0
LAHAINA 361		85.7	68.0	76.9	.7	89	24	67	29+	0	0	0	0	.15	- .06	.15	25		0			1	0	0
PAIA 406														.95	- .73	.20	11		0			3	0	0
WAILUKU 386	A									0	0	0	0	.29	- .45	.12	25		0			1	0	0
ISLAND				71.5										2.68					0					
ISLAND OF HAWAII																								
HAWAII VOLCANO NP HQ 54	R	69.1M	52.6M	60.9M	- 1.8	73	25	48	29	0	0	0	0	3.14	- 2.09	.59	24		0		10	2	0	0
HILO WSO 87 AP	A	80.6	68.2	74.5	- .8	83	31+	64	19	0	0	0	0	5.46	- 4.08	.76	24		0		20	3	0	0
HUEHUE 92.1														1.40					0					
KAHALU 73.2		76.8M	61.1M	69.0M		81	26+	59	30+	0	0	0	0	8.33	.25				0					
KEAU 92		79.9	65.5	72.7		82	25+	62	20	0	0	0	0	6.66		.75	24		0		17	5	0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1976

STATION		TEMPERATURE											PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.	MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE	
												90° OR ABOVE	80° OR ABOVE	70° OR ABOVE											60° OR ABOVE
HAWAII																									
KEALAHEKUA 2 28.7	A	81.6	69.1	75.4		85	26	66	28		0	0	0	0	2.55		1.19	12	.0	0		5	2	1	
KONA (KAILUA) 68.3											0	0	0	0	4.53	-	1.13	8	.0	0		11	3	1	
KUKUIHAELE HIC 199		64.7	49.4	57.1		70	19	43	31+		0	0	0	0	2.50		.43	8	.0	0		11	0	0	
KULANI CAMP 79											0	0	0	0	.39		.28	31	.0	0		1	0	0	
PAHALA 21	A										0	0	0	0					.0	0					
POHAKULOA 107	A														.00		.00		.0	0		0	0	0	
PUU WAHAA 94.1	A														.00		.00		.0	0		0	0	0	
SOUTH KONA 2.31																		.0	0						
UMIKOA 118																		.0	0						
WAIKOA SCD 88.2															10.93		1.75	8	.0	0		22	7	3	
ISLAND				68.3											3.82				.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
											MAX.	MIN.							TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1.00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JULY 1976

STATION	TOTAL	DAY OF MONTH																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HAWAII																																				
ISLAND OF KAUAI																																				
ANAHOLA 1114	A	3.07		10									18	13	02	23					25	40	30		8	88			25	40	08	10	06			
BRIGGSWOOD STA 985	A	4.61	06	42						02		25			17	01	16				23	40	21		43				40	14	06	11	02			
EAST LAKE 934	A	4.12	06	46						05	01	24			25	16					48	45	05	19	23				44	14	15	09	11			
CLELE 927	A	1.11	05	07											04	04					08	16	12	06	02				22	01	06	11				
HALEKULA 1110	A	3.94	02	10						03					25	06	02	02				13	12	40	25	15				48	16	15	40	10		
HALENNANHO 1006	A	6.16	06	24						31		07			42						61	61	09	31	08				12	15	11	11	02			
HUKILO 945	A	40																				21								14			06			
ILILIUA INTAKE 1050	A	13.62	14	18	1					60		20	06	70			88	11	28			48	48	28		44	28			17	14	46	4	08		
INTAKE WAIHIMA DC 1086	A	13.73	13	15	9					43		44					43					48	43							18	17	11	01			
KANALOHULU 1075	A	3.09	04	24	09		05						14	06							11	42	22		04	16				12	16	03	13	92		
KANOA RESERVOIR 1092	A	8.14		60						35		10	09				35	28	16			45	40	140	45	10				120	16	15	11	35		
KAPAA STABLES 1104	A	3.90		30						10						01					23	06	63		40	10			49	47		12	5			
KALIA 1112	A	3.84	04	10						05		02	02	14			18	03				23	4	45		40	24			40	28	03	17	03		
KEKAA 944	A	51																				26	45						11	16						
KILAUER 1134	A	5.48		15						38		04		25			43					36	42		25	13				32	05	08	00	08		
KILAUER POINT 1133	A	4.10		14				03	14	07	12	09	11	14	05	4														10	10	05	02	08		
KOLOA 1033	A	76		02	03																	24								68	11	17	05	04		
KOLOA 936	A	5.62	04	05						58												12	10							11	17	05	04			
KOLOA LN MAU 940 1	A	2.13	02	22	24					03												14	51	12		1	04	05			11	04	03			
KOLOA MAUKA 994	A	6.43	18							110																										
KUKUIA 935	A	2.50	05	22						18		01					10	05					3	44	02		11	10			40	12		02		
LAKE VARIETY ST 10621	A	6.02	04	14						20		17	14	17			26	4	1	5			5	51		34	07			12	14	08	11			
LAKE 1020	A	3.26	11	06						17							12	03	11	18			13	13						18	11		11	02		
LAKE W50 1020 1 AP	A	2.09	06	09	02					01		17	17	05			11	28					13	13		07	01			14	11		1	09	08	
MAKALEI 965	A	70																				38							14	18				08		
MAKA 1026	A	1.01		02																										14	11		05	03	1	
MOHAI WPA CROSS 1083	A	08																																		
MOLAI 1146	A	2.96			16					06					12							12	1	61		08	1			52						
MOUNT WALEALE 1047	A	85																																		
NIL RIDGE 1035	A																																			
N. LAULIA DITCH 1051	A	12.80	18	114						102		10	07	70			65	23	25	17					88	84	85		12	22		1	83	11	03	17
PA WAIHIA 1115	A	5.97	02	42						11							11					10	1							19	14	15	35			
PRINCEVILLE RANCH 1117	A	6.70	16	26						35		01	02	46			15	03				55	47	19		4	20			11	13	17	17	48		
PUHU RIDGE 1040	A	1.40																																		
PUHI 1013	A	1.56	01							12							11	20													24	28		04		
WAIHIA 930	A	2.15	07	17						17					09	4						13	44	04		69	13			11	34	08	12	1		
WAIHIA OVER 1054	A	11.33	10	10	31					12	07	10	16	06	42	17	24	88				13	13	48		42	16	14		12	14	10	34	52	01	
WAIHIA UPPER 1052	A	11.51	16	11	21	48				16	05	06	19	04	56	38	11	68				15	1	47	86		42	18		13	13	140	11	14	06	
WAIHIA 943	A	49																				24								19						
WAILUA KAI 1085	A	4.18	05							14		08	03				28	15				25	4	85		5				36	03	16	11			
WAIHIA 947	A	55																																		
WEST LAKE 931	A	1.33	05	14						45		04					25														41	4	08	04	02	
ISLAND OF OAHU																																				
ALOMA STADIUM WAILUA	A	71	02	02																																
BELETANIA PUMPING STA	A	1.27	02	02	11																															
B. LAKE 903 1	A	1.62	09	11	02					15		23					10	03	01																	
CAMPBELL TND PK 702 5	A	28																																		
CAMP 84 807	A	84	01							06																										
COCONUT ISLAND 840 1	A	1.39	04	12																																
DIAM PLANTATION 741	A	18																																		
HELEMANA INTAKE 881	A	3.77	14							19							57																			
MAKULOA 725 2	A																																			
MANOLULU OBSERV 702 2	A	24																																		
MANOLULU W50 703 AP	A	24																																		
MANOLULU SUBSTA 704	A	88																																		
MAKA POINT 941 3	A	15.41								12							14																			
MAKA FIRE STA 791 1	A	1.74	02	01	01					12							10	2																		
KALIA DES SITE 777	A	7.28	10	10	06					18		04					22	02	14	04			04	26		18	44	51</								

HAWAII AND PACIFIC
JULY 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
JULY 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
JULY 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JULY 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHULU 1075	MAX MIN	65 56	67 56	69 55	70 54	75 55	75 57	76 53	70 56	68 57	72 55	73 56	74 56	73 54	75 54	70 54	73 57	70 55	69 55	65 56	73 57	75 57	68 54	60 55	76 60	71 61	72 59	73 58	70 57	73 55	70 52	69 51	70.9 65.7	
KILAUEA POINT 1133	MAX MIN	81 70	81 69	80 70	82 73	81 72	82 70	82 73	82 71	77 70	78 73	82 71	83 70	82 72	84 73	85 73	83 72	83 71								84 74	83 69	82 71	83 72	82 72	83 72	83 71	82.0 71.5	
KOLOA LN (MAK) 940.1	MAX MIN	82 70	81 70	86 71	84 69	85 70	84 72	85 73	83 72	89 71	83 72	82 70	83 73	85 72	85 72	85 72	84 72	84 73	84 73	84 71	84 70	83 74	85 72	83 71	84 73	86 74	85 70	84 71	84 70	84 71	85 72	87 70	84.3 71.5	
LIHUE WSO 1020.1 AP	MAX MIN	84 74	84 75	84 75	84 77	85 76	85 76	85 76	82 74	85 75	86 74	85 75	86 75	85 77	85 76	85 74	86 74	84 74	85 74	84 77	85 75	84 76	85 79	83 75	84 76	87 79	85 75	85 75	84 75	85 77	85 75	84 73	84.5 75.3	
MANA 1026	MAX MIN	85 65	84 66	83 64	86 63	87 64	87 66	86 64	87 65	86 68	84 65	85 62	87 64	87 67	88 65	87 63	88 64	88 65	86 64	85 64	86 67	86 64	87 66	87 64	87 66	85 62	87 67	87 68	86 65	87 69	84 65	84 64	86.1 65.0	
NIU RIDGE 1035	MAX MIN	80 64	83 63	82 62	80 63	83 63	84 63	85 62	84 62	80 62	82 61	83 63	82 62	81 60	85 63	84 61	83 60	82 62	83 60	80 62	83 60	81 61	82 62	81 62	81 62	82 60	82 62	80 60	83 64	79 60	82 63	80 60	82.0 61.7	
WAIHAI LOWER 1054	MAX MIN	78 62	78 65	79 62	78 62	80 67	79 65	80 65	79 65	79 62	78 65	79 65	80 66	80 66	83 64	83 64	80 66	80 64	80 64	79 64	78 66	80 66	82 66	80 66	82 67	82 67	82 67	80 67	78 66	80 66	80 62	80 62	79.7 64.9	
ISLAND OF OAHU																																		
ALOHA STADIUM-HALAWA	MAX MIN	81 68	82 68		82 69		87 67	83 67	82 72		84 70	83 72	84 72	84 71	84 73					87 69	84 69	84 72	82 69	83 70		82 72	82 69	83 70	85 70	85 69	86 59			
B Y U LAIE 903.1	MAX MIN	84 70	83 70	83 69	83 72	84 72	84 73	83 72	84 72	83 72	83 70	84 70	84 70	85 73	84 72	83 70	83 71	84 70	82 72	83 70	83 69	83 73	84 71	83 70	81 71	83 70	82 70	82 71	83 71	84 73	84 71	84 71	83.3 71.0	
ENA PLANTATION 741	MAX MIN	85 69	85 68			87 69	86 68	86 71	85 71		85 68	86 68	86 68	87 67					87 66	86 68	87 70	86 67	85 67				87 67	86 67	87 67	87 66	88 67			
HONOLULU WSO 703 AP	MAX MIN	84 73	86 71	87 73	86 74	87 75	86 74	86 75	86 73	86 73	86 72	86 73	88 73	87 76	88 73	87 74	86 72	87 73	87 73	86 72	87 73	87 72	87 73	87 72	87 74	87 74	87 73	87 71	89 73	87 73	87 71	87 70	86.6 72.9	
HONOLULU SUBSTA 704	MAX MIN	80 70	80 71	81 71	81 73	81 73	80 73	81 73	79 71	79 71	80 72	80 71	81 71	81 72	79 71	80 72	80 71	81 72	79 71	81 72	80 72	79 71	80 72	79 73	80 73	82 73	80 74	82 74	82 71	82 72	81 71	83 71	85 71	80.5 71.8
KANEIHE MAUKA 781	MAX MIN	79 71	79 70	80 71	79 72	80 70	81 70	80 71	80 72	80 73	79 70	78 71	79 71	80 72	82 70	83 70	81 72	80 73	81 72	81 68	80 70	81 70	80 70	81 72	79 70	80 72	77 70	77 70	83 71	82 71	83 71	83 72	80.4 70.7	
LUALUALEI 804	MAX MIN	84 70	84 71	84 70	85 72	85 72	83 71	86 70	83 72	85 72	84 70	84 71	85 71	86 71	87 72	86 71	87 72	85 72	88 72	85 70	84 71	85 72	82 70	86 69	88 74	83 74	86 73	86 72	84 71	86 68	85 68	85 68	85.0 71.0	
MANOA LYON ARBORETUM	MAX MIN	74 63	73 63	75 63	75 65	77 65	79 66	78 65	79 66	77 66	75 64	76 64	74 65	75 64	78 65	78 65	76 64	78 63	78 63	77 64	73 65	80 66	80 64	77 63	78 64	76 65	77 66	80 64	80 65	76 65	81 65	83 65	77.2 64.6	
OPAUELA 870	MAX MIN	80 66	80 65	80 65	80 64	78 66	80 68	80 67	80 68	75 69	77 68	76 69	75 69	79 68	80 67	80 66	80 66	80 66	80 65	80 64	80 67	80 65	80 64	80 67	80 65	80 65	80 66	80 66	80 65	80 64	80 63	80 65	79.3 66.2	
PRI WAIHANA 820.2	MAX MIN																																	
WAIALEE 896.3	MAX MIN	81 68	80 69	81 69		80 69	82 72	80 72	82 73	81 71	82 70	81 70	81 73	82 72	82 73	82 70	81 69	82 71	81 71	81 70	81 73	82 70	82 70	80 73	82 70	80 73	82 71	80 71	81 72	83 70	82 72	83 71	84 69	81.4 70.8
WAIALUA 847	MAX MIN	83 65	81 65	83 66	83 65	84 64	85 65	85 68	84 68	83 68	84 69	83 70	83 70	84 69	86 67	85 65	84 68	84 68	85 64	85 68	85 69	84 67	83 65	85 66	84 65	83 71	84 63	85 63	84 64	85 63	86 67	88 67	84.2 66.4	
WAIKIKI 717.2	MAX MIN	84 70	84 68	85 69	85 70	85 71	86 70	86 71	85 71	86 71	86 69	84 67	85 69	86 67	86 68	87 69	86 68	86 68	86 68	86 69	86 70	85 69	85 68	87 69	85 68	86 70	85 68	86 70	85 68	87 68	87 68	88 64	84.5 68.7	
WAIMANALO EXP FARM	MAX MIN	82 72	80 69	82 70	82 72	83 72	84 72	82 70	82 72	83 73	82 69	81 68	80 70	81 72	84 71	84 72	83 73	83 69	83 70	83 71	83 69	83 70	81 69	83 70	84 72	81 71	83 72	82 72	83 73	84 72	84 69	84 69	82.4 70.9	
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN																																	
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN																																	
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	71 50	65 47	62 40	61 43	64 49	66 52	70 52	69 52	71 53	69 43	64 44	65 42	70 50	70 51	67 44	63 42	63 44	64 39	64 45	62 46	69 50	69 50	74 57	72 54	70 49	65 43	68 45	67 41	63 40	63 39	59 41	66.4 46.4	
HALEAKALA SUMMIT 338.4	MAX MIN																																	
MANA AIRPORT 355	MAX MIN	80 67	80 67	80 68	81 70	81 69	81 69	80 70	81 72	80 69	80 68	80 69	80 69	81 72	82 70	81 70	82 67	83 68	82 58	82 67	82 68	83 71	81 67	82 70		84 71	82 66	80 69	81 68	82 68	80 67	83 69	81.2 68.4	
KAAHAPALI AP 453.1	MAX MIN	81 67	82 70	83 69	84 69	85 70	85 67	83 71	82 70	82 71	83 68	82 68	82 70	83 68	85 69	83 68	85 71	85 66	85 66	85 69	85 66	83 70	84 67	84 67	83 70	84 67	83 68	85 66	84 65	85 66	82 69	83.6 68.4		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JULY 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAHULUI WSO 398 AP	MAX MIN	85 68	85 72	85 72	85 72	85 73	88 72	85 73	86 74	86 69	86 70	86 71	87 72	87 73	84 73	88 72	88 71	88 72	87 64	85 70	88 70	86 73	86 70	85 72	88 74	88 70	87 73	86 70	86 64	87 64	87 60	89 68	86.4 70.4
KAILUA 446	MAX MIN	75 64	74 64				77 64	77 65	77 64	77 66			75 67	75 67	77 67	75 67	70 65			72 69	78 68	75 66	78 68			77 66	76 66	78 65	78 66	78 65			
KEAWAKAPU BEACH 260.2	MAX MIN	87 67	87 66	89 67	87 63	89 62	85 64	88 65	84 65	88 65	89 64	87 62	88 66	87 65	88 64	86 64	93 64	86 65	88 62	88 63	84 66	88 69	91 66	90 65	86 65	87 71	86 65	86 65	87 65	86 63	90 64	88 68	87.5 65.1
KULA SANATORIUM 267	MAX MIN	72 57	73 58	73 57	74 58	76 56	76 57	73 56	74 56	74 57	75 58	75 61	72 57	70 55	75 58	74 60	76 60	76 60	76 60	75 55	73 56	74 57	76 60	75 63	74 62	77 60	74 58	77 58	73 56	74 56	72 59	75 59	74.3 58.1
LAMAINA 361	MAX MIN	84 68	85 69	84 69	86 67	85 67	85 67	85 68	86 68	85 67	84 69	85 67	83 66	86 69	86 67	86 67	85 69	85 67	86 67	88 68	85 68	88 68	87 69	89 68	88 68	84 72	87 67	85 68	85 67	85 67	86 70	85 68	85.7 68.0
KAILUKE 386	MAX MIN	79 67	79 70				81 69	81 71	79 70	81 71			81 67	80 72	82 72	80 70	81 70				80 70	82 71	82 71				82 70	80 71		82 71	81 71	81 71	
" " "																																	
ISLAND OF HAWAII																																	
HAWAII VOLCNS NP HQ 54	MAX MIN	67 51	63 51	67 50	67 51	69 52	71 53	72 55	71 55	67 55	70 53	67 50	69 54	70 54	71 52	70 52	68 51	69 51		69 52	71 52	72 54	72 57	65 52	67 52		73 56	67 53	70 54	70 52	70 48	72 53	69.1 52.6
HILO WSO 87 AP	MAX MIN	81 68	81 68	80 68	81 67	81 69	81 69	76 70	78 69	81 70	81 68	82 66	80 67	80 69	81 67	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	81 66	80.8 68.2
KAINALOU 73.2	MAX MIN	77 63	76 62	73 63	78 60	78 60	76 60	74 62	77 61				75 59	76 62	78 62	77 59	77 61	77 61	77 61	78 60	76 61	81 62	75 62	78 62		81 62	75 62	75 60	77 61	77 59			76.8 61.1
KAMUELA 192.2	MAX MIN	68 57	70 56				72 60	72 60	69 59	66 59			72 59	72 60	72 60	71 59				73 59	73 59	73 59	69 58	69 59		72 57	72 59	73 60	73 59	73 59			
KEEAU 92	MAX MIN	77 64	80 65	81 66	79 66	79 65	81 66	77 66	76 67	76 68	80 66	80 64	80 66	80 66	79 66	78 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	81 65	79.9 65.5
KEALAKEKUA 2 28.7	MAX MIN																																
KOHALA MISSION 175.1	MAX MIN	76 67	79 66	79 66	79 67	78 67	80 66	80 67	73 67	75 67	78 65	78 66	80 66	79 66	80 67	79 66	79 66	79 66	79 66	80 66	80 69	78 69	75 66	79 66	75 68	79 68	78 66	79 65	79 68	80 66	79 65	80 66	78.5 66.7
KONA KAILUA 68.3	MAX MIN	82 70	80 69	80 69	80 69	80 69	83 67	79 70	82 69	82 70	82 70	82 70	81 68	81 70	82 69	82 68	81 69	81 69	81 69	83 68	83 69	83 70	82 70	81 70	81 70	81 70	85 70	80 68	81 66	82 66	83 69	83 69	81.6 69.1
KULANI CAMP 79	MAX MIN	63 48	63 48	60 49	65 45	68 48	67 55	65 51	66 50	62 52	64 52	64 47	66 45	66 47	64 48	63 51	66 49	64 44	70 47	63 43	68 43	63 50	61 46	69 55	68 51	63 53	66 49	65 51	63 49	65 49	65 49		64.7 49.4
MAUNA LOA SLOPE OBS	MAX MIN	58 39	57 37	56 40	55 36	53 34	51 36	51 34	55 40	55 39	57 42	55 41	57 44	56 39	54 42	55 40	54 37	50 36	51 35	54 32	58 38	59 35	56 32	54 38	55 45	53 41	52 39	52 39	52 39	52 39	52 39	54.5 38.6	
MOUNTAIN VIEW 91	MAX MIN	70 60	77 61	78 61	78 61	78 61	78 61	72 63	72 63	78 63	78 61	78 61	78 61	77 63	74 62	78 61	76 61	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	78 58	76.6 61.0
NAALEHU 14	MAX MIN	76 61	78 61				82 63	83 68	80 68	78 63			82 67	80 68	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	82 65	
OOKALA 223	MAX MIN	77 66	78 66	79 67	79 67	78 67	80 67	80 65	72 67	74 67	79 66	79 66	79 66	78 66	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	79 65	78.0 67.1
OPIHIHALL 2 24.1	MAX MIN	74 61	74 61	75 58	80 58	78 60	78 64	75 63	77 61	76 63	73 62	79 58	74 60	80 62	73 62	78 60	78 58	77 59	80 60	76 60	81 59	82 59	82 60	82 60	82 60	82 60	82 60	82 60	82 60	82 60	82 60	82 60	77.5 60.5
PAHALA 21	MAX MIN	80 60	79 62				83 61	82 53	84 55	83 63			79 64	80 64	80 62	81 63				82 59	81 62	85 62	80 63	81 63		84 61	83 61	79 61	80 61	80 62			
SOUTH KONA 2.31	MAX MIN																																
UPOLU POINT USCG 159.2	MAX MIN	81 69	83 67	84 68	83 68	82 71	83 68	83 68	79 69	82 70	83 68	84 69	83 68	83 70	84 69	83 68	83 68	84 70	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83 68	83.0 69.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
JULY 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	87 79	88 74	95 80		89 77	89 79	88 77	88 77	87 79	96 78	96 77	91 77	89 77	92 80	88 77	92 75	92 74	95 79	83 78	91 76	92 74	95 78		93 79	88 78	83 71	87 80	93 80	90.3 77.4			
JOHNSTON WSO AP	MAX MIN	82 76	81 75	82 77	82 76	82 74	82 73	82 75	82 77	83 74	83 76	83 74	84 76	82 75	83 73	81 73	82 78	82 77	83 77	83 76	82 78	83 77	83 75	82 78	83 77	83 75	84 75	84 77	83 75	83 77	83 77	82.6 75.7	
LEONE	MAX MIN	86 80	85 78	88 79	85 78	86 78	85 78	88 80	86 79	86 80	89 81	89 78	89 80	61 75	80 77	82 77	84 77	89 80	85 79	90 82	83 75	88 79	87 79	84 79	87 79	84 81	83 76	80 75	79 74	79 75	80 75	84.7 78.0	
FRENCH FRIGATE SHOALS	MAX MIN	78 75	81 75	83 70	81 71	83 70	81 71	83 72	84 71	83 73	77 71	88 71	82 71	80 69	82 70	86 70	84 70	89 77	87 76	89 77	89 72	81 77	83 76	87 73	85 73	88 74	88 74	86 74	88 74	85 76	85 76	84.4 73.1	
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	84 77	84 75	85 77	84 79	84 77	84 75	84 74	84 74	84 78	84 72	85 68	84 73	79 71	79 74	80 75	82 75	87 74	80 73	86 70	79 73	84 72	83 74	83 74	83 77	82 77	83 71	79 74	79 72	84 72	84 74	82.9 74.1	
SWAIN ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	83 78	84 79	85 79	84 78	86 79	85 80	84 78	84 79	84 78	84 78	82 76	81 74	85 75	85 74	85 79	85 76	85 76	81 76	79 76	80 75	82 75	84 76	85 75	83 75	82 76	82 74	83 75	85 75	84 78	84 78	85 78	83.5 76.9
CLARK AFB LUZON	MAX MIN	88 73	90 72	93 72	93 72	90 70	93 75	93 77	91 75	91 73	90 73	91 72	90 73	90 75	91 75	90 75	90 79	88 77	88 75	88 75	88 75	88 77	88 72	88 75	88 73	88 73	88 75	88 75	88 75	88 75	88 75	88.8 74.4	
GUAM NAS	MAX MIN	86 78	86 79	86 79	85 78	86 78	86 79	85 78	84 77	86 78	86 77	85 78	85 77	88 76	88 74	88 78	91 79	86 76	80 79	82 76	83 77	89 77	89 78	87 77	89 77	84 77	86 75	86 75	87 78	87 77	87 77	85.9 77.3	
GUAM WSMO	MAX MIN	88 72	87 75	87 73	87 74	88 77	87 74	88 77	88 77	88 74	87 69	88 72	88 73	87 72	84 72	87 72	87 74	87 72	83 74	82 74	85 74	85 74	86 75	86 73	85 73	85 75	85 72	85 72	84 70	85 72	86 73	85.8 73.0	
SAIPAN USCG	MAX MIN	88 70	89 78	88 76	89 72	88 76	89 71	88 74	89 70	88 75	88 75	89 77	88 75	89 71	89 76	88 77	88 71	88 71	88 75	88 76	88 74	88 76	88 76	88 75	88 75	88 73	88 74	88 76	88 75	88 75	88 75	88.1 74.4	
WAKE WSO AP	MAX MIN	90 77	90 79	90 79	89 79	88 78	89 75	89 77	86 73	86 75	87 77	87 75	90 75	88 77	88 77	88 77	88 78	88 76	88 77	88 77	88 73	88 76	88 75	88 75	88 77	88 78	88 75	88 76	88 77	88 75	88 75	88.3 76.4	
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	87 78	83 77	86 77	84 77	87 77	88 75	84 76	84 75	82 75	83 77	85 76	85 77	85 78	85 78	85 78	85 77	85 77	85 77	86 77	86 78	86 78	86 78	86 78	86 78	86 78	86 78	86 78	86 78	86 78	86 78	85.3 76.7	
FALALOP I. ULITHI	MAX MIN	89 82	88 80	89 80	87 79	80 75	88 76							82 79	80 79	84 79	84 79	82 79	84 79	84 79	80 79	79 76	82 79	81 79	82 76	82 78	82 78	85 79	85 79	86 79	85 79	83.8 78.2	
KAPINGAMARANGI ATOLL	MAX MIN	87 76	86 76	86 76	85 75	86 74	84 74	84 74	84 73	84 75	86 75	86 75	84 76	87 78	85 72	84 74	84 74	84 75	84 74	84 75	89 78	85 74	87 74	86 74	86 74	86 74	86 74	86 74	86 74	86 74	86 74	85.2 75.0	
KOROR WSO	MAX MIN	90 78	85 75	88 76	87 77	86 76	87 76	89 76	86 74	86 76	89 76	90 75	90 76	83 75	83 76	86 79	82 75	87 80	87 80	87 80	87 79	88 79	87 79	87 79	89 79	88 79	89 78	87 74	89 78	89 78	88 74	87.0 76.9	
KWAJALEIN MISSILE RON	MAX MIN	87 77	87 80	86 80	85 79	86 79	84 77	86 79	87 78	87 76	87 76	86 77	86 77	86 77	86 77	86 75	86 74	86 76	86 76	86 77	86 77	86 77	86 77	86 77	86 77	86 77	86 77	86 77	86 77	86 77	86 77	86.1 77.1	
LELE I. KUSAE	MAX MIN																																
MAJURO WSO AP	MAX MIN	85 78	86 76	84 73	84 73	86 76	86 76	85 77	86 75	86 76	87 79	87 76	86 73	83 74	86 76	86 75	82 72	86 75	86 74	85 74	81 74	83 74	85 73	87 75	87 74	87 73	86 75	85 74	82 74	84 77	86 73	85.0 74.9	
METALANIM	MAX MIN																																
PONAPE WSO	MAX MIN	90 73	88 76	89 74	90 73	85 73	87 71	82 73	86 73	86 75	84 73	82 72	89 73	90 72	89 73	85 73	88 72	89 73	89 73	88 73	89 75	90 74	90 73	90 72	87 72	86 72	89 71	88 71	89 72	88 72	87.8 72.7		
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	89 77	83 73	87 78	87 76	88 75	88 75	88 75	89 75	89 76	90 80	88 80	86 77	85 73	86 73	85 76	82 73	83 75	86 78	87 77	87 76	87 76	87 76	89 74	89 77	81 74	87 75	87 75	87 78	86 76	88 76	86.7 75.8	
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	88 74	81 73	87 73	87 75	85 76	87 74	86 73	87 73	86 72	87 71	87 74	88 72	84 70	86 74	87 70	86 75	87 76	83 73	81 73	83 75	85 72	87 72	87 73	86 74	84 76	85 70	85 74	87 73	86 76	87 71	85.8 73.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
JULY 1976

STATION		DAY OF MONTH																															TOTAL OR AVG.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
HAWAII																																			
ISLAND OF KAUAI																																			
TIME WSO 1320.1 AP		EVAP	.49	.34	.36	.37	.38	.36	.36	.40	.22	.28	.39	.44	.40	.40	.39	.30	.44	.27	.46	.39	.32	.41	.31	.36	.36	.34	.33	.31	.33	.31	.33	11.15	
		WIND	277	275	260	251	244	214	230	224	228	242	261	250	233	185	167	196	228	214	197	241	227	228	224	217	185	179	204	174	160	123	95	6643	
		MAX	84	79	81	82	76	82	82	84	77	81	82	84	85	84	87	84	85	83	85	84	83	82	81	85	87	86	84	85	84	86	86	83.2	
		MIN	51	64	62	63	63	63	63	63	64	63	63	63	63	64	63	63	64	64	63	63	63	64	63	63	64	65	65	64	64	64	64	64	63.5
ISLAND OF OAHU																																			
HONOLULU OBSERV 702.2		EVAP	.44	.32	.45	.40	.55	.45	.43	.45	.45	.46	.42	.45	.45	.46	.43	.52	.50	.45	.49	.45	.55	.49	.47	.45	.47	.37	.31	.45	.40	.39	.38	13.29	
		WIND	51	46	54	50	47	43	36	45	50	46	54	41	33	30	38	40	40	27	49	40	36	41	41	35	38	36	29	28	29	27	34	1234	
		MAX	91	90	93	95	94	95	93	95	90	94	93	95	92	95	95	98	97	94	97	96	96	95	92	91	98	92	97	97	96	95	93	94.3	
		MIN	62	69	70	69	69	68	71	70	69	70	69	71	72	71	70	70	70	70	70	70	72	71	70	71	71	72	70	70	70	69	69	69.8	

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EVAPORATION AND WIND

HAWAII AND PACIFIC
JULY 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.35	.37	.44	.38	.46	.40	.41	.40	.39	.43	.40	.39	.38	.33	.42	.48	.34	.30	.46	.46	.40	.37	.39	.38	.35	.39	.36	.33	.39	.37	.37	12.09
	WIND	245	208	260	225	215	275	277	257	231	259	229	225	192	214	236	233	257	237	209	244	191	213	209	211	243	223	191	212	204	169	151	6945
	MAX	85	84	82	84	85	84	83	86	85	85	86	88	89	87	85	84	84	84	86	86	84	87	87	86	85	88	88	85	88	89	89	85.8
	MIN	69	69	68	68	69	69	70	70	69	70	69	68	69	69	69	68	68	70	69	69	68	71	70	69	71	70	70	70	69	69	69	69.2
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.27	.18	.29	.29	.26	.20	.38	.14	.20	.24	.20	.21	.27	.11	.28	.16	.20	.07	.13	.04	.13	.26	.28	.31	.21	.16	.09	.44	.15	.17	.27	6.59
	WIND	56	27	135	104	109	136	97	35	42	53	75	51	115	125	125	57	24	23	34	120	*	122	135	91	112	69	50	25	65	82	100	2395
	MAX	92	89	89	88	87	86	89	90	91	88	82	87	87	84	89	87	91	88	81	78	83	85	88	87	86	84	84	84	87	87	87	86.7
	MIN	70	71	70	70	69	70	68	69	71	70	68	69	70	68	71	71	71	72	71	69	70	70	69	70	70	69	68	68	70	69	69	69.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	280				C	LIHUE PLANTATION CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILUULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	7A	7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A	5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		WI			CLOSED 6/30/76 MRS. MILLIE ZAPATA U S AIR FORCE WAIHAOLE WTR CO LTD KIULIMA HOTEL KAILUA FIRE STATION GRADEN HARGER BOARD OF WTR SUPPLY STATE HOSPITAL KAMEHAMEHA SCHOOLS
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			
KAHANA 883	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			
KAHUKU 912	2570	01	KOOLAULOA	1	21 41	157 59	25					
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					
KALIHI RES SITE 777	2960	02	HONOLULU	2	21 23	157 50	910		MID			
KANEHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			
KAPALAMA 773	3268	02	HONOLULU	2	21 21	157 52	614		8A			
KAWAIHAPAI 841	3734	05	WAIALUA	5	21 35	158 11	40		7A		WAIALUA SUGAR CO. INC. WAIALUA SUGAR CO. INC. C & F OFFICER HEOG PUBLIC WORKS DEPT U S NAVY MILNOR LOM HAROLD ROBERTS CAPITAL INVESTMENT CO. NEAL ADAMS MRS. JOHN H. BEAUMONT	
KEMOO CAMP 8 855	4318	05	WAIALUA	5	21 33	158 05	725		7A			
KOOLAU DAM 833	4766	05	WAIHAWA	5	21 30	157 58	1160		8A			
LUALUALEI 804	5647	04	WAIANAE	4	21 26	158 08	113	2P	CP			
LUALUALEI WTR TUNNEL	5650	04	WAIANAE	4	21 29	158 08	1500		WI			
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 49	240					
MAKAHA KAI 796.1	5766	04	WAIANAE	4	21 28	158 13	15		7A			
MAKAHA PUMP 800.2	5782	04	OAHU	4	21 29	158 12	400		8A			
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A		LYON ARBORETUM BOARD OF WTR SUPPLY EXP. STA. H.S.P.A. JOHN A ROXBURGH CHESTER T KAINUMA FEDERAL AVIATION ADM BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY WAIALUA SUGAR CO. INC. D L GRUBB	
MANOA TUNNEL 2 716	6130	02	HONOLULU	2	21 20	157 48	650		MID			
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			
NUUANU RESERVOIR #5	6933	02	HONOLULU	2	21 20	157 50	410		WI			
OPAEULA 870	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A		CC DEPT PKS RECREATION BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY PINEAPPLE RESEARCH INST MARK TAYLOR NAT MEM CEMETERY JACK N. WHEELER SEA LIFE PARK BOARD OF WATER SUPPLY R. E. WHITE	
PALOLO VALLEY 718	7664	02	HONOLULU	2	21 20	157 46	995		MID			
PAUOA FLATS 784	7810	02	HONOLULU	2	21 21	157 48	1640		MID			
PRI WAIHAWA 820.2	8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A			
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20					
PUNCHBOWL CRATER 709	8316	02	HONOLULU	2	21 19	157 51	360		8A			
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40					
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			
UNIV OF HAWAII 713	8815	02	HONOLULU	2	21 18	157 49	79		8A		DEPT OF GEOSCIENCE W B RUTHERFORD WAIALUA SUGAR CO. INC. WAIHAOLE WTR CO LTD SPENCER TINKER WAIALEE LIVESK RES FARM WAIALUA SUGAR CO. INC. BEN MAYES MOUNTAIN VIEW DAIRY WAIHAOLE WTR CO LTD	
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			
WAIHAWA DAM 863	8945	05	WAIHAWA	5	21 30	158 03	854		7A			
WAIHAOLE 837	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			
WAIALUA 847	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			
WAIANAE 798.2	9231	04	WAIANAE	4	21 27	158 11	10		7A			
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					
WAIHAWA 836	9261	03	EWA	3	21 28	157 56	800		MO			
WAIKANE 885	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI		WAIHAOLE WTR CO LTD HONOLULU ZOO WAILUPE VALLEY SCHOOL WAIMANALO EXP FARM WAIMANALO EXP FARM WAIALUA SUGAR CO. INC. WAIHAOLE WATER COMPANY BOARD OF WTR SUPPLY	
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					
WAIMER 892	9593	05	WAIALUA	5	21 38	158 04	330		7A			
WAIPAHU 750	9738	03	EWA	3	21 23	158 01	59		8A			
WILHELMINA RISE 721	9980	02	HONOLULU	2	21 18	157 47	1100		MID			
ISLAND OF MOLOKAI												
KALAUPAPA 563	2896	01	MOLOKAI	1	21 12	156 59	30		8A		KALAUPAPA SETTLEMENT MOLOKAI RANCH LTD MOLOKAI GENERAL HOSP. MOLOKAI RANCH, LTD. DEL MONTE CORPORATION MOLOKAI RANCH COMPANY ALOHA AIRLINES MISS MIRIAM DAVIS	
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					
KEONELELE PENS 551	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			
KUALAPUU 534	4778	01	MOLOKAI	1	21 09	157 02	878		7A			
MAUNALO 511	6190	01	MOLOKAI	1	21 08	157 13	1070		9A			
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			PUU O HOKU RANCH MOLOKAI RANCH COMPANY
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI			
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A			
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			DOLE COMPANY
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			LANAI COMPANY
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH MAUI PINEAPPLE CO.
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					S MAUI LAND-PINEAPPLE CO
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			U OF H AGRIC EXP STA
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A			C HALEAKALA NAT PARK
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			C MAUI LAND-PINEAPPLE CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A			
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			HALEAKALA NATL PARK RGS
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					S MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100					C HALEAKALA RANCH CO
KANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					C STATE DIVISION OF PARKS
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			C J NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					C PIONEER MILL CO LTD
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A			C A. L. CORELL
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920					C U H AGRICULTURE EXP STN
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			S MAUI LAND-PINEAPPLE CO
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			C KENNETH WILLEY
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		WI			
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			C PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			C PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			S MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			C PIONEER MILL CO LTD
PARKER 350	7194	01	HANA	1	20 49	156 07	1260		6A			
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			C E MAUI IRR CO LTD
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			C KAUPU RANCH CO.
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			C STATE DIV OF FORESTRY
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160					S EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			C HAWAIIAN COM & SUG CO
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAUNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCONS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A		C	K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOHU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUWULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALO 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALADA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMADA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHO SUGAR CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF LAN RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAUULO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUNA SUGAR COMPANY
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKULA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUU KIIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
CLOSED STATIONS												
ISLAND OF OAHU												
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		WI			CLOSED 6/30/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
JULY 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I., KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

† DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

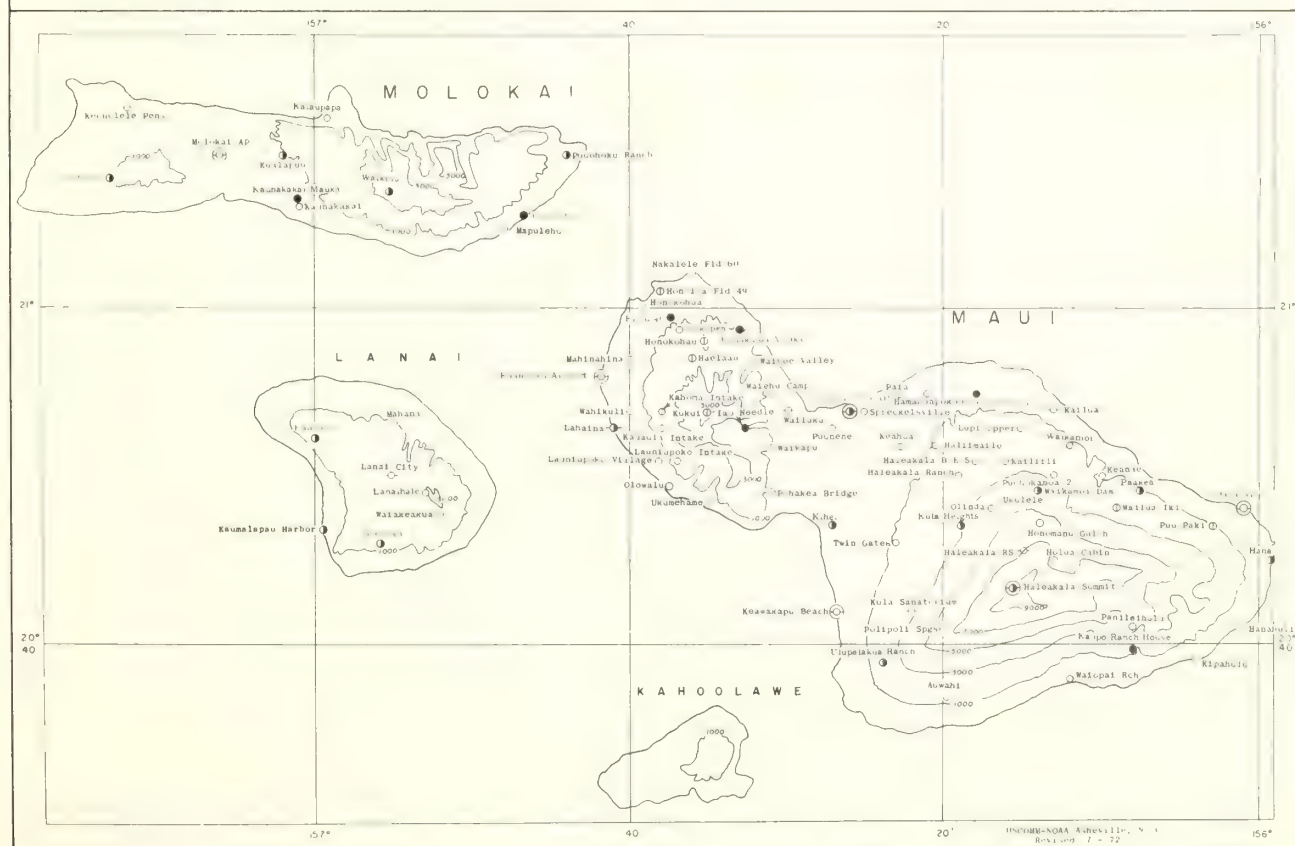
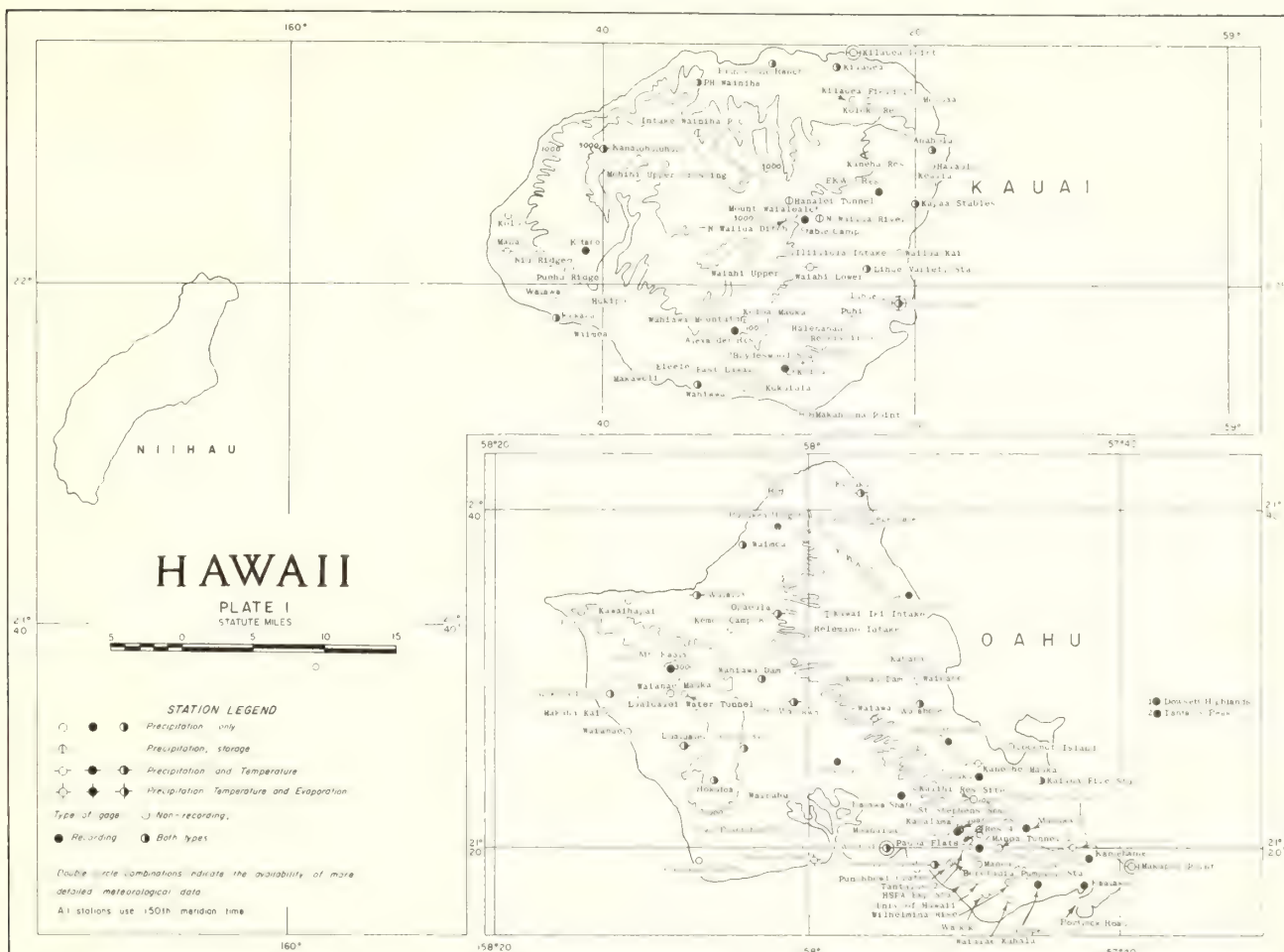
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

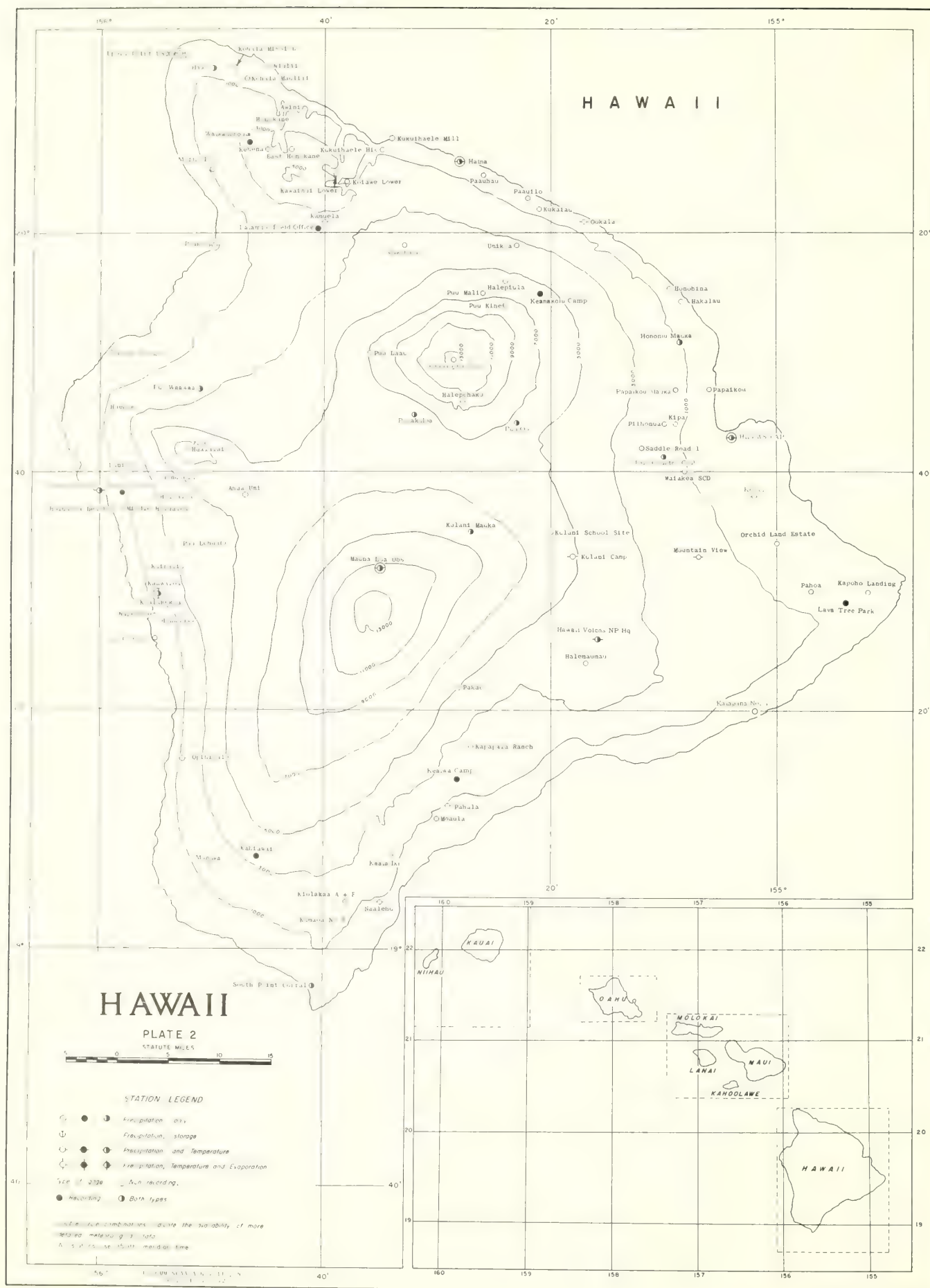
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

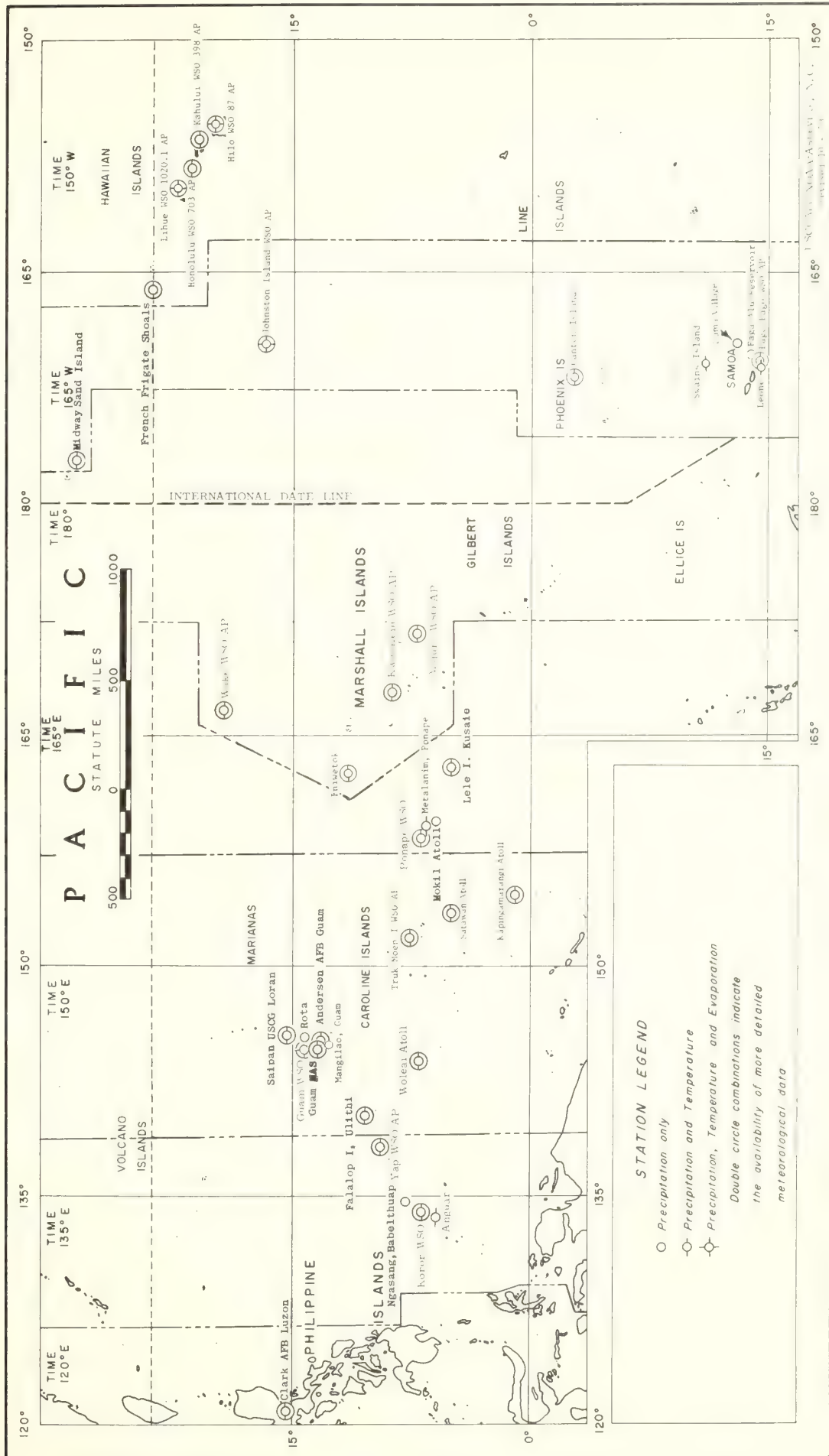
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

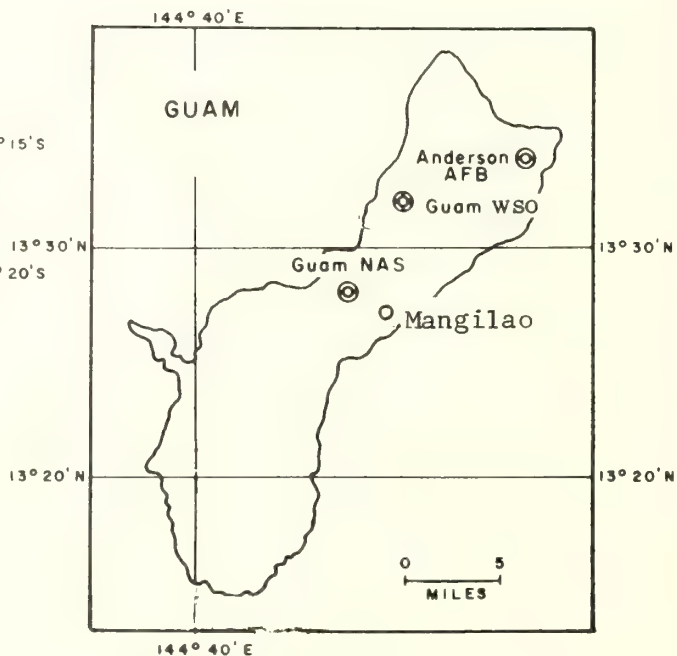
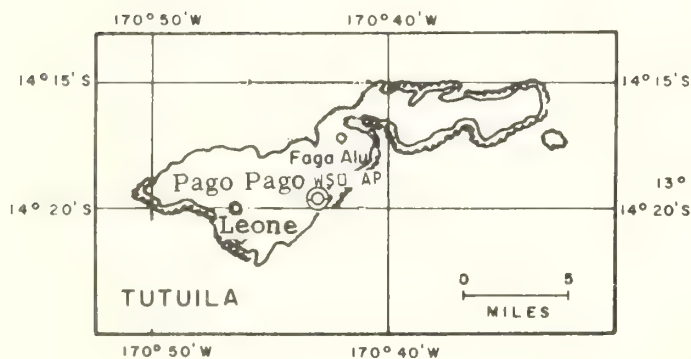
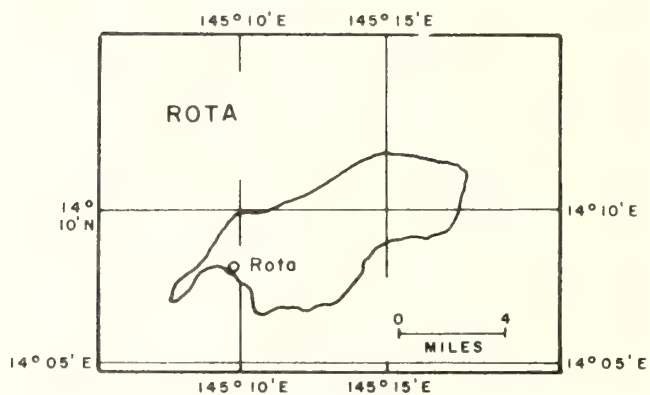
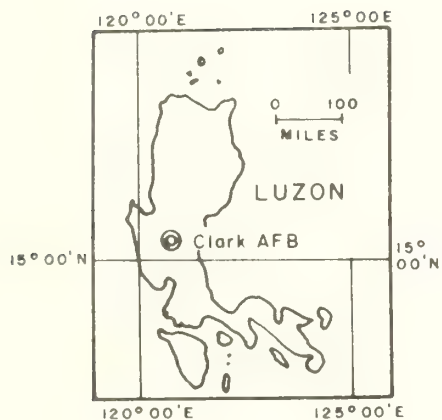
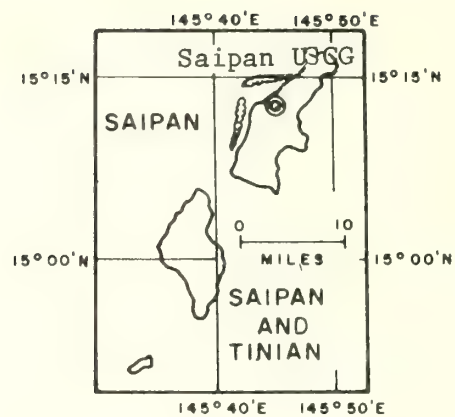
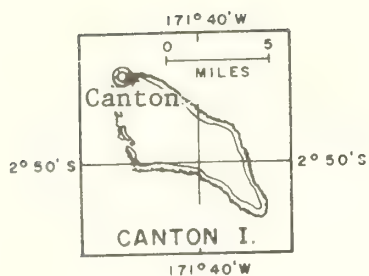
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

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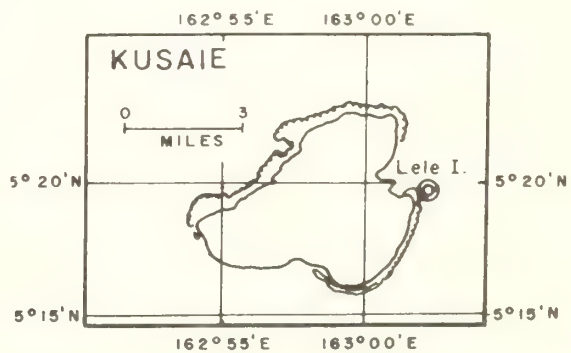
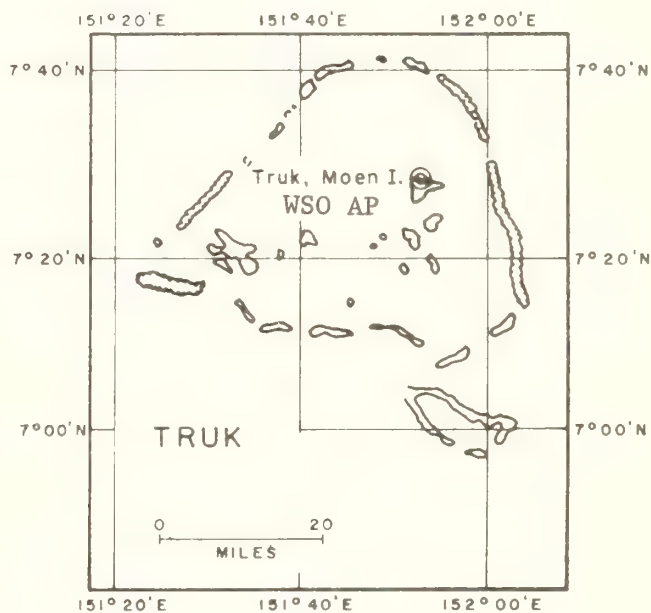
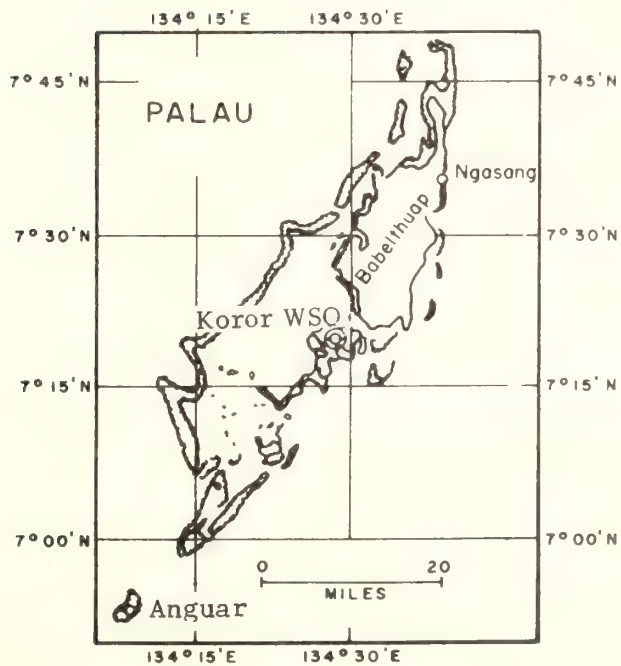
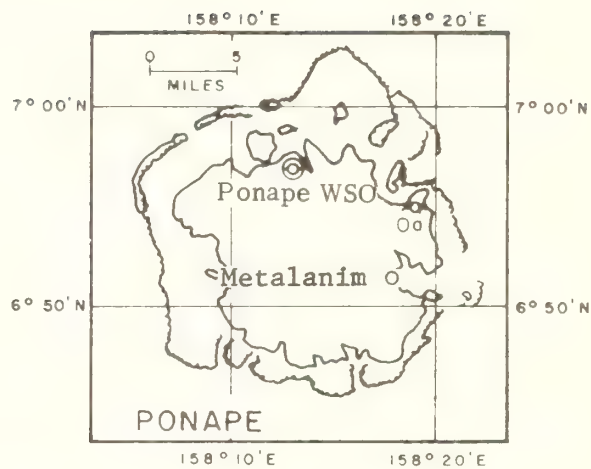
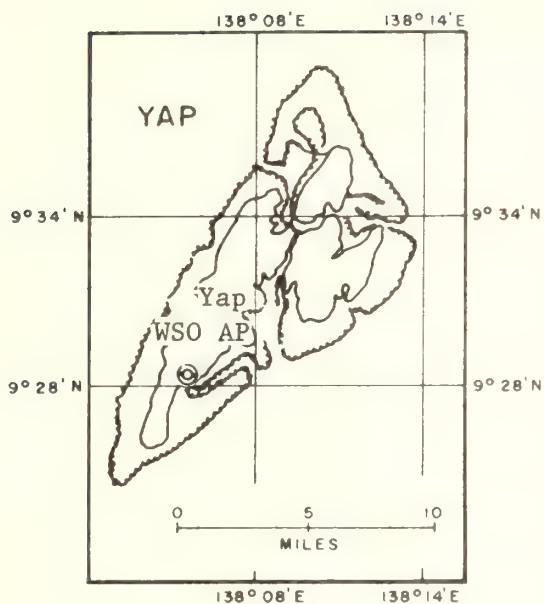




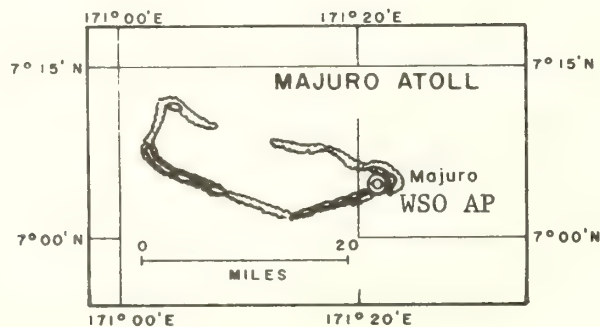
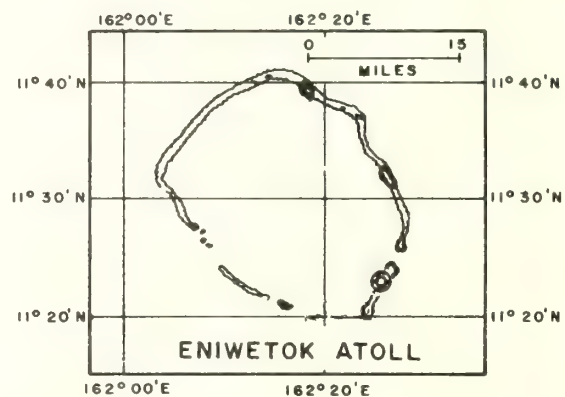
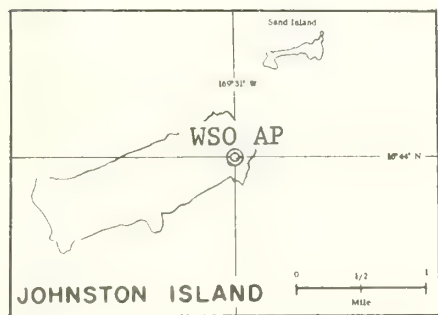
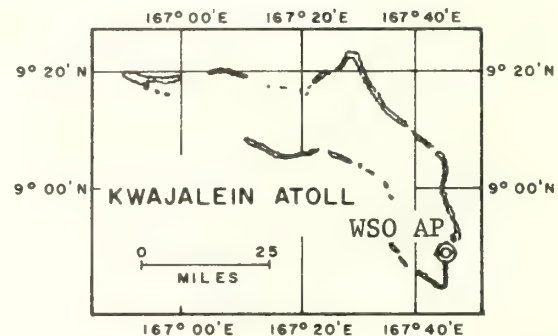
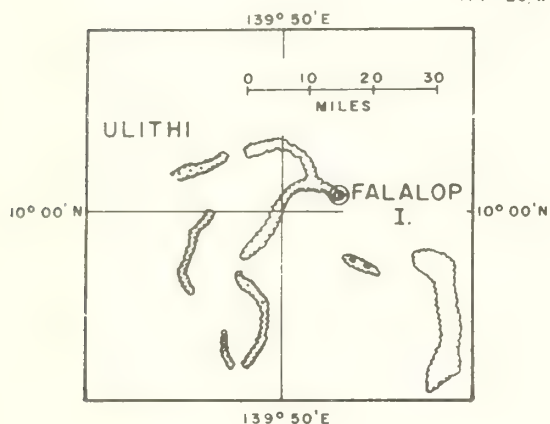
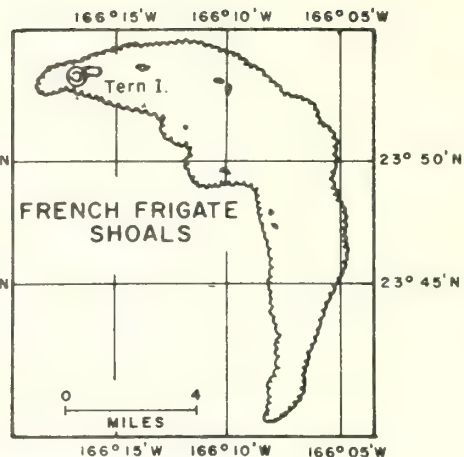
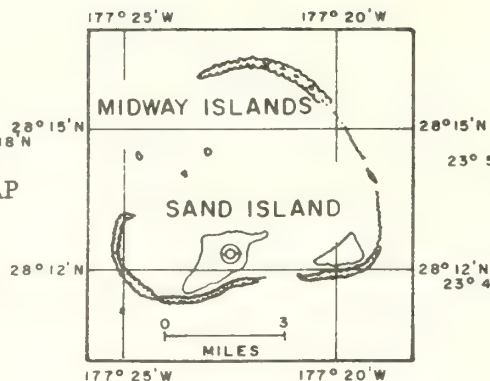
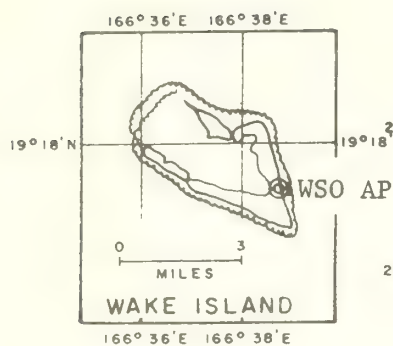




Reef



— Reef



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THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	2 STATIONS	93	DATE 18+
LOWEST TEMPERATURE:	HALEAKALA RS 338	MAUI	33 DATE 19
GREATEST TOTAL PRECIPITATION:	PUOHOKAMOA 2 343	MAUI	18.40
LEAST TOTAL PRECIPITATION:	15 STATIONS		.00
GREATEST 1 DAY PRECIPITATION:	HONOMU MAUKA 138	HAWAII	5.26 DATE 20

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER AVERAGE	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							GREENWICH CIVIL														
							12	18	00	06											
GUAM WSO AP	-	-	-	24	E	15+	-	82	80	94	0	13	10	1	2	4	30	43	8.9		
HILO, HAWAII, WSO AP	35	0.8	6.4	17	E	17+	90	82	70	82	3	16	5	5	0	0	29	53	7.2		
HONOLULU, OAHU, WSO AP	6	11.8	12.9	29	NE	11	61	58	46	58	11	5	0	0	0	0	16	71	4.8		
JOHNSTON ISLAND WSO AP	8	17.3	17.9	34	E	06+	80	80	73	79	7	9	3	0	0	0	19	86	5.5		
KAHULUI, MAUI, WSO AP	5	13.1	14.5	30	NE	10+	76	67	51	67	6	4	0	0	0	0	10	75	3.4		
KOROR WSO AP	28	4.0	7.8	28	NW	05	89	-	80	81	2	5	9	7	4	1	28	35	9.0		
KWAJALEIN WSO AP	9	7.4	9.2	21++	9	27+	83	84	77	79	3	8	12	4	3	0	30	-	8.3		
LIHUE, KAUAI, WSO AP	5	11.0	12.2	21	E	21+	82	79	68	76	9	8	6	1	0	0	24	75	5.1		
MAJURO WSO AP	9	4.9	6.4	22	E	03	82	84	76	76	4	7	12	4	1	0	28	63	8.5		
PAGO PAGO WSO AP	10	11.6	13.2	30	E	17	80	80	72	78	7	11	1	1	2	0	22	40	7.2		
PONAPE WSO AP	-	-	-	18	NE	08	93	-	78	82	1	4	10	8	4	4	31	28	8.7		
TRUK,MOEN I. WSO AP	28	0.2	8.3	29	W	01	88	-	80	77	2	12	6	4	3	2	29	48	9.6		
WAKE WSO AP	11	13.1	13.8	27	E	30	87	90	71	74	7	13	4	0	1	0	25	87	5.0		
YAP WSO AP	26	1.3	7.7	25	W	06	91	-	81	80	3	5	12	5	3	2	30	57	8.9		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL
DATA SERVICE / NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1976

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW. SLEET		NO. OF DAYS			
											MAX.	MIN.	32° OR BELOW	32° OR ABOVE					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																								
ISLAND OF KAUAI																								
ANAOHOLA 1114		II												3.38		1.00	18	.0	0				1	0
KANALOHULU 1075			73.5	55.4	64.5		80 7	45 1		0 0	0 0	0 0		2.15		.67	18	.0	0		6	1	0	1
KAPAA STABLES 1104		A											3.36		1.05	18	.0	0				1	0	
KILAUEA POINT 1133			83.4M	72.0M	77.7M		88 18	69 28+		0 0	0 0	0 0		4.99		2.36	18	.0	0				1	0
KOLAA 936		A											4.34		.98	20	.0	0						
LIHUE WSO 1020.1 AP		//R	84.1	74.5	79.3	.2	87 17+	70 31+		0 0	0 0	0 0		2.04	-.17	.59	17	.0	0		7	1	0	
MANA 1026																		.0	0					
N WAILUA DITCH 1051		II											10.00		2.05	18	.0	0					2	
PH WAINIHA 1115													5.19	-3.51			.0	0						
PUEHU RIDGE 1040													2.47	.80			.0	0						
WAIHAWA 930		A											2.51	-.28	.89	18	.0	0				2	0	
WAIHAI LOWER 1054			81.6	66.3	74.0		84 31+	62 1		0 0	0 0	0 0		6.99	-3.89	1.55	20	.0	0		19	2	2	0
WAIHAE 947													.87	.10	.67	18	.0	0				1	0	
ISLAND					73.9								4.02				.0							
ISLAND OF OAHU																								
ALOHA STADIUM-HALAWA			85.5M	70.8M	78.2M		92 25	67 2			0 0	0 0		1.30		.90	17	.0	0		1	1	0	
B Y U LAIE 903.1			84.4	71.7	78.1		86 11+	68 16+		0 0	0 0	0 0		1.83		.72	19	.0	0		5	1	0	
HONOLULU OBSERV 702.2													.28		.20	17	.0	0			1	0	0	
HONOLULU WSO 703 AP		R	88.0	73.6	80.8	.1	90 18	70 22+		1 0	0 0	0 0		.17	-.59	.05	17+	.0	0		0	0	0	
KANEHE MAUKA 781			82.7	72.5	77.6	.6	87 21	71 3		0 0	0 0	0 0		1.86	-2.09	.40	6	.0	0		7	0	0	
KOOLAU DAM 833		II											9.40		3.20	26	.0	0		15	5	2	0	
LUALUAEI 804		A	86.5	71.4	79.0		89 28+	65 16		0 0	0 0	0 0		.50				.0	0		0	0	0	
MANOA LYON ARBORETUM			80.6	66.3	73.5		86 17	64 17+		0 0	0 0	0 0		5.29		.88	6	.0	0		13	4	0	
NUUANU RES 4 783													2.56		.62	6	.0	0						
OPAUELA 870		A	82.0M	67.6M	74.8M	1.7	85 13+	62 16		0 0	0 0	0 0		1.00		.40	27+	.0	0		2	0	0	
PALOLO VALLEY 718		R											3.90	-6.64	1.34	6	.0	0		7	2	1		
PR1 WAIHAWA 820.2		A															.0	0						
WAIHAWA DAM 863		A											1.25		.35	19	.0	0		3	0	0		
WAIHOLE 837		A											4.32		.73	20	.0	0						
WAIHOLE 896.3			83.2M	72.2M	77.7M		85 19	69 23		0 0	0 0	0 0		1.92		.68	27	.0	0		6	1	0	
WAILUA 847		A	85.7	66.6	76.2	.4	89 19	63 31+		0 0	0 0	0 0		.63	-.63	.30	20	.0	0		3	0	0	
WAIKIKI 717.2			87.4M	69.3M	78.4M		89 30+	64 16		0 0	0 0	0 0		.14		.08	26	.0	0		0	0	0	
WAIMANALO EXP FARM			84.4	72.9	78.7		86 16+	69 16		0 0	0 0	0 0		.59		.16	13	.0	0		3	0	0	
WAIPIHU 750		A											.30		.10	18	.0	0		1	0	0		
ISLAND					77.5								2.07				.0							
ISLAND OF MOLOKAI																								
KUALAPUU 534		A											.85		.54	17	.0	0		2	1	0		
MAUNALOA 511		II											.66				.0	0			0			
MOLOKAI AP 524																	.0	0						
ISLAND													.76				.0							
ISLAND OF LANAI																								
LANAI CITY 672		A											.63	-1.00			.0	0						
ISLAND													.63				.0							
ISLAND OF MAUI																								
HALEAKALA B E S 434		II											1.42		.40	20	.0	0		5	0	0		
HALEAKALA RS 338			67.7	46.1	56.9	.1	75 5	33 19		0 0	0 0	0 0		.49	-2.78	.18	19	.0	0		2	0	0	
MANA AIRPORT 355			83.4M	70.9M	77.2M		86 18	68 30+		0 0	0 0	0 0		1.58		.20	6	.0	0		0	0	0	
HONOKOHUA 493		A											.68		.16	6	.0	0						
KAANAPALI AP 453.1			84.7	69.4	77.1		87 28+	64 22		0 0	0 0	0 0		.02		.01	29+	.0	0		0	0	0	
KAHULUI WSO 398 AP		R	88.5	70.3	79.4	.6	93 17+	61 22		7 0	0 0	0 0		.10	-.24	.06	26	.0	0		0	0	0	
KAILUA 446			78.2M	67.3M	72.8M	.5	83 18	63 20+		0 0	0 0	0 0		4.47	-6.76	1.45	20	.0	0		1	1	1	
KEANAE 346		A															.0	0						
KIPAHULU 258													3.03	-4.63	.59	2	.0	0		12	1	0		
KULA SANATORIUM 267			76.6	58.6	67.6	1.3	79 8+	55 4		0 0	0 0	0 0		.09	-1.98	.09	17	.0	0		0	0	0	
LAHAINA 361			88.0	68.4	78.2	.2	91 28	66 22		3 0	0 0	0 0		.02	-.31	.02	19	.0	0		0	0	0	
PAIA 406													.33	-1.34	.07	20	.0	0						
WAILUKU 386		A	83.0M	71.5M	77.3M	.7	89 18	68 16		0 0	0 0	0 0		.10	-.67	.05	6	.0	0		0	0	0	
ISLAND					73.3								.95				.0							
ISLAND OF HAWAII																								
HAWAII VOLCNS NP HQ 54		II											3.97	-3.23	2.30	20	.0	0		8	1	1		
HILO WSO 87 AP		A	83.3	53.2M	62.3M	.9	76 18+	48 11		0 0	0 0	0 0		5.13	-5.75	.95	20	.0	0		10	5	0	
HUEHUE 92.1																	.0	0						
KAINALIU 73.2							82 19+	60 27+		0 0	0 0	0 0		5.18	-2.96			.0	0					
KEAAU 92			81.3	66.3	73.8		86 18	64 17		0 0	0 0	0 0		7.59		1.08	20	.0	0		17	5	2	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX.	MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
												80° OR HIGHER	70° OR HIGHER	60° OR HIGHER											
PACIFIC																									
EAST OF 180TH MERIDIAN																									
CANTON ISLAND		91.0M	77.9M	84.5M		98	28+	75	23+		13	0	0	0	2.76		.62	4	.0	0		7	2	0	
FAGA ALU RESERVOIR															10.21		3.12	7	.0	0		15	6	2	
FALEASAO VILLAGE															.77	- 1.81	.23	29	.0	0		3	0	0	
JOHNSTON WSO AP		83.5	76.7	80.1	- 1.1	85	21+	72	29		0	0	0	0	4.30		1.06	7	.0	0		2	0	2	
LEONE		87.4M	78.6M	83.0M		92	22	75	18+		3	0	0	0					.0	0					
FRENCH FRIGATE SHOALS		85.9	74.4	80.2	1.3	90	16	71	14		1	0	0	0	1.28	- .46	.24	11	.0	0		4	0	0	
MIDWAY SAND ISLAND																			.0	0					
PAGO PAGO WSO AP		83.0	74.5	78.8	.6	85	30+	69	23+		0	0	0	0	4.09	- 3.31	1.77	5	.0	0		4	3	2	
SWAIN ISLAND		87.3	70.2	78.8		91	25	66	17		3	0	0	0	2.54		.43	19	.0	0		8	0	0	
WESTERN PACIFIC ISL. NORTH OF 12 N																									
ANDERSEN AFB GUAM		82.9	76.6	79.8	- .3	86	31+	73	21		0	0	0	0	19.34	- 8.03	3.93	5	.0	0		16	9	5	
CLARK AFB LUZON		86.5	74.6	80.6	.8	91	29+	72	11		12	0	0	0	12.50	- 4.92	2.55	10	.0	0		15	8	5	
GUAM NAS		85.7	77.2	81.5	.3	90	31	72	21		1	0	0	0	18.44	- 6.56	5.02	21	.0	0		15	9	5	
GUAM WSO		84.9	73.1	79.0	- .1	88	31+	70	29+		0	0	0	0	24.40	- 12.24	6.15	21	.0	0		17	7	6	
MANGILAO															19.61				.0	0					
ROTA																			.0	0					
SAIPAN USCG		87.0M	74.9M	81.0M		89	31+	71	22+		0	0	0	0			4.52	3	.0	0		15	7	5	
WAKE WSO AP		88.7	76.7	82.7	.1	91	25+	71	28		10	0	0	0	2.69	- 3.66	1.12	28	.0	0		5	1	1	
CAROLINE AND MARSHALL ISLANDS																									
ANGUAR															15.06	- 2.13	5.01	2	.0	0		12	8	3	
ENIWETAK		85.8	77.0	81.4	- 1.6	88	27+	71	12		0	0	0	0	7.81	.58	2.47	3	.0	0		12	5	2	
FALALOP I., ULITHI																			.0	0					
KAPINGAMARANGI ATOLL																			.0	0					
KOROR WSO		86.1	75.2	80.7	- .5	89	29+	72	15		0	0	0	0	16.64	- 1.24	3.32	7	.0	0		21	12	5	
KWAJALEIN MISSILE RGN		86.3	77.1	81.7	- .8	88	29+	75	30		0	0	0	0	8.94	- 1.26	1.16	30	.0	0		19	7	3	
LELE I., KUSAIE																			.0	0					
MAJURO WSO AP		85.8	75.5	80.7	- .8	87	31+	74	30+		0	0	0	0	8.36	- 3.42	1.51	30	.0	0		17	5	1	
METALANIM																			.0	0					
MOKIL ATOLL																			.0	0					
NGASANG, BABELTHUAP															12.50		2.00	22	.0	0		19	10	2	
PONAPE WSO		87.2	72.3	79.8	- .3	90	30+	70	28+		6	0	0	0	32.74	- 16.04	9.99	11	.0	0		26	16	8	
SATAWAN ATOLL																			.0	0					
TRUK, MOEN I. WSO AP		86.2	75.2	80.7	- .2	89	30	72	21+		0	0	0	0	14.74	- 1.30	3.13	15	.0	0		15	9	5	
WOLEAI ATOLL																			.0	0					
YAP WSO AP		85.6	73.3	79.5	- 1.5	88	12	70	16+		0	0	0	0	16.29	- 1.15	3.60	19	.0	0		22	10	5	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC

AUGUST 1976

STATION	TOTAL	DAY OF MONTH																																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31											
HAWAII																																											
ISLAND OF KAUAI																																											
ANAHOLA 1114	A	3.38	x	.10				x	x	50			.03		.07	.02		.05	x	x			40	31	1.00		.03	.50	x		.15			.01	.15	.05	x	x		.10			
BRAYSHAW STA 985	A	4.43	x	.46	.02			x	x	15			.08	.07	.02			.07	x	x			.21	.61	1.25			.01	.86	x		.40	.02		.10	.15	.20	x	x		.22	.02	
EAST LAKE 934	A	4.18	x	.15	.05			x	x	42			.03	.07	.04			.08	x	x			.31	.01	.69			.06	1.02	x		.57	.01		.15	.05	.31	x	x		.20		
ELEELE 927	A	2.23	x	.12	T			x	x	.03			T	T	.31			.02	x	x			.03	1.15			.06	.57	x		.08	T		.01	.04	.09	x	x		.02			
HALENAHA 1110	A	3.33	x	.04	.02			x	x	50			.04	.02				.03	x	x			.35	.25	.75			.80	x		.20		.10	.05	.05	x	x		.10				
HALENAHA 1006	A	3.70	x	.17				x	x	46			.07	.13	.03			.09	x	x			.57		.57			.63	x		.52			.03	.03	.29	x	x		.08			
HUKILO 945	A	1.78																																									
ILILIULA INTAKE 1050	A	11.39	x	.13	2.04		.03	.02	.04					.86	.56	.21	.30		.40	x	x			.40	.37	2.02			.44	.04	x		.61	.04		.04	.42	.09	x	x		.63	
INTAKE WAINIHA PC 1086	A	6.75	x	x	x		x	x	1.12					x	x			.98	x	x				.27	x	x			1.76	.18	x				1.33	x	x	x	x		1.11		
KANALOHULU 1075	A	2.15	.05							.04	.01			.07				.03						.12	.67			.42	.15		.07	.02		.24	.07					.12			
KANEHA RESERVOIR 1092	A	6.53	x	.10	.10			x	x	80			.15	.30				.10	x	x			.50	.35	1.75			.20	1.00	x		.46	.05	.03	.35	.15		x	x	.15			
KAPAA STABLES 1104	A	3.36	x	.01	.04			x	x	.36			.07	.05	.05			.05	x	x			.35	.10	1.05			.65	x		.15	.09	.15	.10	.06	x	x		.03				
KEAUA 1112	A	2.98						x	x	.35			.04	.05	.05			.05	x	x			.25	.20	.80			.92	.60	x		.20	.01	.20	.15	.02	x	x		.05			
KEKAHA 944	A	1.95								.05														.91					.92														
KILAUEA 1134	A	5.36		.05			.32						x	x	x		x	x	x	x			x	x	x			x		x		4.96	.05		.19					.39			
KILAUEA POINT 1133	A	4.99		.01	.01		T	.06		.59			.02	.05	.07			.28	.07	.07				.01	.26	.36			T	.64			.26	.09		.03	.01		.02	T	.08		
KILO 1033	A	1.10																																									
KILOA 936	A	4.34	x	.21						.53			.02	.05	.11			.09	x					.36	.45			.05	.98														
KILOA LYM. PK. 940.1	A	4.29	x	.04	.04		.01	.01	.03				.07	.04	.01			.02		.01				.26	x			.25	.29	.05		.03			1.08		.14	x	x		.42		
KILOA PKUA 984	A	3.80	x	x	.14			x	x	x				.46	x			x	x					.26	x				1.21	x													
KUNIA 935	A	2.08	x	.04				x	x	.19			.03	.02	.01			.02	x	x				.10	.02	.46			.03	.52	x		.27	T		.03	.10	.20	x	x	.05		
LIHUE VARIETY ST 10621	A	3.81	x	.03			.02	.08		x	x		.42		.05	.02	.08		.13	x	x			.41	.07	.70			.15	.97	x					.12	.04	.10	x	x	.05		
LIHUE 1020	A	2.21	x	.06				x	x	.26			.04	.06	.03			.01	x					.48	.01	.64			.03	.22	x		.22	.02		.03	.01	.16	x	x	.03		
LIHUE WSO 1020.1 AP	A	2.04	T	T	T		T	.09	.09	T			.02	.05				.20	.14					.59	T			.35	.03	.11			.15		.02	.10			.01				
MAKALEI 965	A	1.52											.01											.01	.57	.03																	
MAHA 1026	A	5.30	x	.50																																							
MAHIAI UPS C885 1083	A	3.36	x	.17			x	.07	x	x	.16			.05	x			.11	x	x				.25	x	1.75			.58	x			.17										
MOUNT MALEALE 1047	A	2.20																																									
MTU RIDGE 1035	A	2.20																																									
N. WAILUA DITCH 1051	A	10.00	x	.17	.46		.04	.02	.06	x	x	.95		.53	.08	.12		.53	x	x				.60	.09	.25			.46	1.97	x		.60	.11		.10	.44	.11	x	x	.51		
PA. WAINIHA 1115	A	5.19	x	.17				x	x	1.12			.29	.04	.08			.65	x	x				.34	.19	.57			.77	x			.17	T		.28	.02	.24	x	x	.26		
PRINCEVILLE RANCH 1117	A	4.47	x	.11		.02							.95	.20	.05			.20	.34	x	x			.38	.20	.80			.12	.64	x		.31			.28	.02	.24	x	x	.26		
PUEHU RIDGE 1040	A	2.47																																									
PUNI 1013	A	1.20	T										.02	.03	.09			.03	x	x				.07	.34			.04	.46														
WAILUA 970	A	2.51	T	.01				x	x	.06			T	.02	.02			.02	x	x				.15	T	.89			.04	.61	x		.24	T		.08	.09	.20	x	x	.10	T	
WAILUA OVER 1054	A	6.99		.03	.10		.01	.03		.35	.20		.22	.22	.30			.23	.31	.28				.23	.62	1.10			.11	1.55	.32		.34	.04	.06		.04	.10	.30	.09	.31	.10	
WAILUA UPPER 1052	A	8.53	.03	.05	.15		.04	.03	.04	.55	.20	.05	.22	.24	.37			.23	.46	.23				.10	.05	1.97			.35	1.47	.16		.10	.06	.11		.15	.25	.27	.14	.12	.05	.02
WAILUA 943	A	4.47																																									
WAILUA KAT 1065	A	2.93	x	.05	.02		.03	.02	x	x	.36		.11	.06	.08			.03	x	x				.34	.10	.97			.02	.60	x		.25			.10	.06			.13			
WAILUA 947	A	.87																																									
WEST LAKE 931	A	2.68	x	.03	.02		.03		x	x	.15		.02	.03	.02			.03	x	x				.18	.01	.69			.06	.65	x			.36	.02		.08	.01	.25	x	x	.05	
ISLAND OF OAHU																																											
ALPHA STADIUM-HALAWA	A	1.30					.03						.02	.07										.90	.02			.02	.06	T			.65			.07	.06						
BETA TANK PUMP STA	A	.71	T					x	x	.01			.05	.01				.01	x					x	x			.02	.06	T													
B. T. U. LAKE 903.1	A	1.83		.03	T			.04	.02	.24			.02	T	T			.02	T	T				.31	T		.72	.02	.01		.01					.14	.05						
CAMPBELL IND. PK 702.5	A	.14																																									
CAMP 94 807	A	.63						x	x	.01			.01	.01				x	x					.02	x																		
COCONUT ISLAND 840.1	A	.83	x	.10		.01	.01	.10	T	x	x	.03	.01	.01	.04			.25	x	x				.02	.04	.02			.01														
EWA PLANTATION 741	A	.06													.04																												

HAWAII AND PACIFIC
AUGUST 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST
1976

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KONA (KAILUA) 68.3	A	3.21		.72	.38	.14				.24			.03	.01							.81			.88										
KONA VILLAGE 93.8		.79																																
KUKAIUA 222		7.15					.01		.13				.17	.11	.15	T	.23	T	T	2.22	.32													
KUKUIHALE HIC 199		5.13					.28			.05	.02	.04	.15	.03	.12		.46			.08	1.02	.10												
KUKUIHALE MILL 206	A	3.96					.05	X	X	.06		.01	.11	.02	X	X	.49				.84	X												
KULANI CAMP 79		3.99		.23	.05		.03	.04	.05		.01	.01		.07	.05		.06	.03	.01	.05	2.14	.11	X	.11			.04	.14	.29	.33	.08	.06		
KULANI MAUKA 76	A	1.56																.15		.75	.36													
KULANI SCHOOL SITE 78	A	3.91	.29	X	X	X	X	X	X	X	X	X	X	X	.25	X	X	X	X	X	2.65	X	X	X	X	X	X	X	X	X	X	X		
LANIKU 68.2		5.51	.11				.57		.37	.04	.51		.02	.13	.12					.09	.98	1.29												
MAHALEHU 103		.37					.12										.15				.10													
MAUKA 2	A	2.70	X	.10				X	X	.20										X	X	X	1.50						.40	X	X	.40	.10	
MAUNA KEA OBS 111.2		.47																.09		.20	.18	T												
MAUNA LOA SLOPE OBS	A	.11																.01	.02	.06	.02													
MIDDLE MAUNA LOA 68.1	A	1.50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1.50	X	X	X	X	X	X	X	X		
MIDDLE PEN 147.1	A	.00																																
MOAUA 19	A	1.10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MOUNTAIN VIEW 91	A	12.03	.06	.51	.05	.03	.03	.46	.38	.21	.09	.02	.13	.01	.36	.24		.08	X	X	X	X	X	X	15	.02		.06	1.17	1.27	1.15	.08	1.10	
NAALEHU 14	A	.18		.03		.01												.12	.02															
NAPAOPOPO 28	A	2.33	X	.24	X	X	X	X	X	X	.60	X	X	X	X	X	X	.56	X	X	X	X	X	X	.62	X	X	X	X	X	X	X	X	
OKALA 223		6.68					.07		.02	.25	.60		.02	.27	.22	.23	.08	.20	.02		2.44	.84					.03	X	.03	1.92	.08		.05	
OPITHALE 2 24.1		2.74		.58	T			.31	.03	T		.02	.18	.41	.07	T	.01	.02	T	T	.70	T			.25	T	.09	T						
ORCHID LAND EST 91.5	A	4.33											.01	.04	.01	.02		.35		.19	1.13	.04												
PARAHU 217		6.63					.01		.11	.04		T	.08	.04	.16	T	.27	.02	T	T	1.84	.27												
PAHALA 21	A	.26															.18	.02	T	T	.06													
PAHALA 65		8.18	.04	.36	.06	.08	.05	.50	.18	.14	.06	.04	.22	.28	.39	.12		.19	.06	.60	.68	.79		.13	.19		.10	.06	.64	1.08	.97	.07	.08	
PAHALA 37	A																																	
PAPAIKOU 144.1	A	7.26	X	.44		.01	.01	.36	X	X	.30		.05	.56	.11	X	T	.16		.51	1.89	X	X	.48	.06	.03	.01	.20	X	X	2.02	.04		
PAPAIKOU MAUKA 140.1		13.25	X	1.50	.01	.02	.03	.44	X	X	.87	.04	.20	.93	.27	X	T	.41	.01	.41	3.72	X	X	1.26	.03	.03	.04	.37	X	X	2.65	.01		
PIIHONUA 89	A	11.00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
POHAKA 220.6																																		
POHAKULA 107	A	1.31																																
PUL KIHU 120	A																																	
PUL LARU 102.1	A																																	
PULU LEHUA 73	A	1.40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1.40	
PULU MAHI 113	A																																	
PULU WAHAA 94.1	A	.39	X	.12				X	X	.12								.02																
SADDLE ROAD 1 84	A																																	
SOUTH KONA 2.31	A																																	
SOUTH POINT CORRAL 3	A	.31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	15	X	X	X	X	X	X	X	X	X	X	X	X	
UMIKOA 118																																		
UPULU POINT USCG 159.2	A	1.21	.08	.14			.08	T					.03	.05	.18	.01	.02	.03		.31	.04							.01	.01	.02	.13	.02	.02	
WAIKOA SCD 88.2		9.59	.05	.53	.01	.02	.05	.38	.24	.31	T		.25	.44	.25	.29	T	.17			.51	3.17	.50		.08	.01	.04	.04	.45	.85	.88	.05	.02	
WAIKOLA-BOIS CAS 95.8	T																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST 1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
EAST OF IRETH																																
MEXICAN																																
LANTON ISLAND	2.76			01	62			.32	.47	50			.06								.10			.12	.49	.02	.01		.03			.01
FAIR A. C. MUSEY-DEER	10.21			08	.26	.47	.02	3.12	.04	.78		.64	.36	.92	.05	.01	.09	.05	.32	.25		.08	.10	.16	.72		.04	.06	.23	.20		1.15
FAIR A. C. MUSEY-DEER	7.77		.06	14	01	05	01					.12	.02	T	.01	T	.04							T					.04	.23	T	
LEONE	4.70	08		16	40	1.05		1.06	.16			.10	.16						.31								.13	.40				.29
EDEN W. FRIGATE SHOAL	1.28				05				.03			.24	.19		.02	.01		.09	.09		.21	.07	.02			.01	.01	.18	.02	.01	.01	.02
METONY SAND ISLAND	4.09	T			1.21	1.77	52	.01	.07	.09	.07	T	T		T	.05	.02	.01	.02						.01	T	.18	.01		.05	T	
FAIR A. C. MUSEY-DEER	2.54	.42	.05					.08			.31			.08	T	.05	.02	.02		.43	.18	.34					.12	.07	.01	.04	.06	.11
WESTERN PACIFIC ISLANDS																																
NORTH OF 12 N																																
ANDERSON AIR CUSH	19.74	.01	.25	.09	1.47	1.93	.35	.20	.90		T	.06	.02	.01	.50	.60	.84	.13	.16	.01	.19	3.35		.02	.10	T	.20	T	.02	.26	.09	
GUAM AIR CUSH	12.40	.01	.25	.09	.83	.17	T	.19	.35	2.03	2.55	1.11	T	.01	.04		.85	.70		.17	.43	.08	1.27	1.22	T	T	T	.05	.03	.03		
GUAM NAS	18.44	.04	2.21	2.76	.98	3.50	1.75	.30	.03	.03		.12	.15		.24	.31	.40	.01	.03	.09	.10	5.02		.12	.08	T	T	.15	T		.01	
GUAM NAS	24.40	.06	2.32	4.01	1.42	4.72	1.92	.31	.07	.13	.07	.09	.30	.01	.65	.49	.16	.06	.01	.22	.09	6.15	.10	.38	.27		.07	.02	.06	.03	.05	.14
MANUFA	19.61	.89	.85	2.00	2.35	3.40	3.40	.31	.19	.34	.05	.20	.16	.09	T	.06	.44	.30	.02	.06	.30	T	3.91	.22			.01	.06	.01			
ROTA																																
SAITON USCO	2.69	.09	.02	4.52	2.42	1.19	2.60	.28	.05	.02			.17			.38	.01	.34	.28	.55	.39	.93	1.38		.09	.01	.11	.01	.08	.11		.01
SAITON USCO		.06			T	.01		.39	.01	T	T	.28	.03			.06	.01	.01	T		.01	.06	.02	T	T	.02	.41	.02	1.12	T	.16	
ANDERSON AIR CUSH																																
ANDERSON AIR CUSH																																
ANDERSON AIR CUSH	15.06	.51	.01	.08	.52	.91		.69			2.50			.02	.95	.53	1.47	.02	.42		.90		.06	.09	.09	.35		.42	.07		.46	
ANDERSON AIR CUSH	7.81	.02	.14	.47	.09	.11		.65	.39		.12	.67	.51	.05	.24		.04		1.80	.16	.04		.03	.01	.02		.02	.15	.08			
ANDERSON AIR CUSH																																
ANDERSON AIR CUSH	16.64	.90	.23	.69	1.43	.77	.73	3.32	.60		T	.60	.06	T		1.59	.02	.11	.12	1.68	.23	.03		.19	.10	1.31	.13	.38	.03	.04	.41	.94
ANDERSON AIR CUSH	9.94	.12	.01	.98	.30	.03	.04	.24	.69	.58		.16	.39	T	1.01	.05	.61		T	.08	1.02	T	.11	.15	.31	.01	.14	.14	.01	.16	.01	.43
ANDERSON AIR CUSH	8.16	.40	.01	.35	.89	.12	.07	.28		.04	.45	T			.24	.32	T	.10	.72	.23	.07	.03	.18	.07	.80	.05	.28	.88	.27	T	1.51	T
ANDERSON AIR CUSH																																
ANDERSON AIR CUSH	17.50	.42	.08	.71	.53	.75	.69	.92	.98	.10			.70	.63	.17	.30	.65	1.96		.06	.44	.08	2.00	.36	.13		.15	.08				
ANDERSON AIR CUSH	32.74	.56	2.22	4.36	9.99	.26	1.08	.75	1.78	.06			.25	.35	.94	1.03	.66	T	.12	.63	.24	1.87	.18	.50	.06	.43	.37	.01	.17	2.33		
ANDERSON AIR CUSH	14.74	.03	.17	T	1.37		.13	2.45	.01	.29	.91	T	1.01	.66	1.01	3.13	.11		.08	.08	.78	.03	.66	.02	.35	.02	.04	.05	.04	.39	.01	.01
ANDERSON AIR CUSH	16.20	.67	1.89	.17	.09	.53	2.80	.05	.65	T	.10	1.02	.53	.15	.35	1.07	.94	.11	T	3.60	T		.11	.06	.11	.24	.37	.28	.08	.10	.01	.20

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
AUGUST 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHULUHULU 1075	MAX MIN	72 45	76 50	78 55	75 57	75 56	71 65	80 57	73 55	71 52	74 54	74 56	71 57	74 58	75 59	79 58	75 56	71 59	77 57	71 59	70 57	68 53	74 52	73 49	70 55	70 57	71 58	75 56	74 56	73 57	74 54	75 47	73.5 55.4	
KILAUEA POINT 1133	MAX MIN	83 73	83 74	84 73	84 74	83 73	84 72			73	84 71	83 71	83 71	83 72	84 72	84 70	84 71	85 72	88 72	83 74	80 72	82 73	82 70	83 72	83 74	83 74	83 74	84 74	84 73	84 73	84 73	83.4 72.0		
KOLOA LN (MAKI) 940.1	MAX MIN	88 70	85 75	85 75	86 74	85 74	85 73	85 73	87 70	86 76	86 72	86 74	85 73	86 72	86 72	85 75	89 72	89 73	93 72	92 71	91 73	84 75	84 72	85 74	86 74	86 74	88 74	85 73	86 74	86 73	87 74	87 73	86.4 73.2	
LIHUE WSO 1020.1 AP	MAX MIN	85 73	85 79	86 79	87 78	86 78	86 77	87 76	86 75	85 78	86 76	87 75	86 77	85 75	82 72	82 72	82 70	87 72	83 75	83 74	83 73	81 72	82 72	82 73	82 73	83 73	83 73	84 75	83 75	83 74	84 75	84 70	84.1 74.5	
MANA 1026	MAX MIN																																	
NIU RIDGE 1035	MAX MIN	80 63	84 64	82 62	80 61	84 62	82 63				86 63	87 64	84 63	86 64	84 62	82 63	86 65	82 63	81 62	84 66	80 62	80 62	82 63	80 62	84 61	82 60	80 59	85 64	84 62	81 61	80 60	82 60	80 62	82.6 62.4
WAIHI LOWER 1054	MAX MIN	83 62	81 67	82 70	81 67	81 67	80 65	81 58	84 66	82 65	81 64	80 66	80 67	82 68	83 67	83 65	83 67	83 67	83 67	82 67	82 67	78 64	84 64	81 66	80 66	81 66	82 66	81 67	82 67	81 67	83 67	84 67	81.6 66.3	
ISLAND OF OAHU																																		
ALOMA STADIUM-HALAWA	MAX MIN		88 67	86 68	86 74	85 72	84 72			86 71	84 73	83 72	84 72	83 73			90 71	85 68	84 71	85 71	84 70			86 70	84 70	92 70	85 71	86 72			86 72	86 70	85.5 70.8	
B Y U LAIE 903.1	MAX MIN	84 70	85 69	85 74	85 74	84 71	84 74	85 74	84 73	85 68	86 70	86 71	84 73	84 71	85 72	85 74	84 68	82 71	84 70	85 71	83 72	84 71	85 73	85 74	84 73	84 74	83 71	83 70	83 71	84 72	85 71	84 74	84.4 71.7	
EWA PLANTATION 741	MAX MIN		88 65	88 70	87 69	87 71	88 70			90 67	88 69	87 69	87 70	86 71			88 66	88 68	85 70	90 71	87 71			89 65	88 68	88 69	88 68	87 67			89 68	89 67	87.8 68.6	
HONOLULU WSO 703 AP	MAX MIN	87 70	89 76	88 75	88 75	88 74	89 74	89 75	89 71	88 73	88 74	87 73	87 74	88 74	87 77	88 75	85 70	84 74	90 73	88 76	88 75	87 71	88 70	88 74	88 73	89 73	88 74	89 75	89 74	88 73	88 71	88.0 73.6		
HONOLULU SUBSTA 704	MAX MIN	85 71	83 76	82 74	81 74	81 73	83 73	82 76	82 74	82 74	82 74	80 72	81 73	83 74	83 75	83 75	82 71	83 72	85 74	83 74	82 74	83 73	84 73	82 75	83 73	81 73	82 73	82 73	82 74	83 74	82 75	82 74	82.4 73.7	
KANEHE MAUKA 781	MAX MIN	85 72	83 72	82 71	82 73	81 73	82 72	82 73	84 72	83 72	83 72	82 72	80 72	82 73	84 72	84 72	85 73	82 72	83 73	85 72	83 73	82 73	83 73	84 73	83 72	83 73	84 72	81 73	82 73	83 72	84 72	82.7 72.5		
LUALUALEI 804	MAX MIN	85 67	88 72	86 75	85 75	88 74	87 74	87 71	83 71	84 69	87 71	85 72	85 72	87 72	87 74	88 71	86 65	85 72	88 70	85 74	87 74	86 66	86 66	88 70	88 68	85 68	86 71	87 72	89 75	88 72	88 74	86 68	86.5 71.4	
MANOA LYON ARBORETUM	MAX MIN	84 66	84 68	80 68	80 67	80 65	82 67	79 68	81 67	80 66	78 66	78 65	75 64	79 65	80 67	81 67	82 65	86 64	83 66	84 66	78 66	81 66	80 65	83 65	81 65	81 65	78 66	77 65	79 66	81 66	81 66	82 66	80.6 66.3	
OPAEULA 870	MAX MIN	82 66	85 65	85 67	85 70	85 69	80 68	85 68	85 68	85 66	85 67	85 67	85 67	85 67			81 62	80 63	80 66	80 69	80 70	80 69		80 70	80 70	79 69	80 68	80 69	80 68	80 67	80 69	82.0 67.6		
PRI MAHIWA 820.2	MAX MIN																																	
WAIALEE 896.3	MAX MIN	84 70	83 74	84 74	84 74	84 72	83 72	83 73	83 72	83 72	83 73	83 71	83 73	83 71	83 72	84 72	84 74	82 73	85 72	82 71	82 71		83 69	83 74	83 73	82 70	83 70	83 70	82 74	84 72	84 73	83 73	83.2 72.2	
WAIALUA 847	MAX MIN	88 63	88 64	88 67	86 68	86 70	86 67	86 68	87 66	86 64	86 66	85 67	85 67	85 67	85 69	86 67	86 67	84 67	83 70	83 65	84 66	84 66	84 66	86 64	86 63	86 64	85 65	85 66	85 66	85 67	86 67	83 63	85.7 66.6	
WAIKIKI 717.2	MAX MIN	88 66	89 73	87 71	87 71	87 71	86 70	89 69	88 66	86 69	87 69	87 69	88 71	85 70	87 72	87 67	88 64	85 69	85 67	89 72	88 71		88 67	89 69	88 70	89 69	88 71	86 69	87 70	88 69	89 70	88 66	87.4 69.3	
WAIMANALO EXP FARM	MAX MIN	84 73	84 74	85 74	84 74	84 74	85 72	84 74	84 72	85 70	84 73	84 71	83 72	84 71	84 73	85 73	86 69	83 70	84 73	84 73	85 73		85 74	85 74	85 74	85 74	85 74	85 74	85 73	85 74	84 74	85 73	84.4 72.9	
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN																																	
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN																																	
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	62 45	70 53	72 45	73 53	75 56	74 54	71 48	70 44	68 43	65 46	69 40	69 50	69 49	68 50	70 52	73 44	67 49	65 52	69 33	65 45	63 40	62 43	86 44	69 44	65 40	65 40	65 48	64 42	65 44	65 41	66 44	67.7 46.1	
HALEAKALA SUMMIT 338.4	MAX MIN																																	
HANA AIRPORT 355	MAX MIN	82 71	82 73	83 73	83 72	83 69	82 73	84 74		82 70	83 68	83 69		82 71			83 71	84 71	86 75	85 73	82 73			85 68	83 68	83 68	84 70	84 71	85 74	84 73	85 69	83 69	83.4 70.9	
KAAHAPALI AP 453.1	MAX MIN	82 66	85 71	85 72	85 72	86 70	85 71	84 68	87 69	85 66	85 67	84 69	84 69	85 71	85 71		82 66	83 72	83 69	85 71	84 68		85 64	83 67	85 71	85 71	85 70	84 71	85 71	85 71	86 67	84.7 69.4		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
AUGUST 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAHULUI WSO 398 AP	MAX MIN	93 63	90 73	86 75	89 73	88 74	93 70	89 66	88 72	91 70	88 69	87 72	88 73	86 74	86 74	65 66	93 73	91 70	88 70	88 72	87 70	91 61	89 62	86 73	88 70	88 72	88 73	89 75	87 65	87 73	89 65	88.5 70.3	
KAILUA 446	MAX MIN		77 67	75 69	78 67	79 67	77 67			80 71	78 70	80 69	77 69	78 69			79 63	82 65	83 68	78 67	74 63			76 65	78 65	79 67	79 68	78 67		79 69	72 69	78.2 67.3	
KEAWAKAPU BEACH 260.2	MAX MIN	87 66	87 73	90 68	89 65	90 67	88 67	88 65	88 65	88 66	89 66	88 67	88 66	89 68	84 66	88 75	87 69	89 69	90 69	89 65	88 63	87 66	88 65	91 65	90 65	88 66	89 65	89 67	88 64	87 66	88.5 66.8		
KULA SANATORIUM 267	MAX MIN	74 60	76 61	79 57	76 55	78 57	76 60	77 59	79 57	76 56	76 57	77 61	72 57	77 58	77 58	78 59	77 62	78 63	77 61	78 62	76 61	76 58	75 59	78 57	76 56	78 57	75 58	76 58	77 58	78 59	74 57	78 58	76.6 58.6
LAHAINA 361	MAX MIN	85 68	87 68	88 68	86 67	86 67	87 67	89 68	86 67	87 67	87 68	88 68	90 68	88 67	88 67	89 68	87 68	89 70	89 71	89 70	89 67	88 66	88 66	89 68	89 68	89 68	91 68	88 68	89 68	88 68	88.0 68.4		
WAILUKU 386	MAX MIN		86 71	85 73	82 72	83 73	82 73			85 71	83 72	82 70	81 71	81 72			83 68	83 69	89 72		84 73	82 71			83 71	82 72	82 72	82 72			83 71	82 71	83.0 71.5
ISLAND OF HAWAII																																	
HAWAII VOLCANO NP HQ 54																																	
HAWAII VOLCANO NP HQ 54	MAX MIN	72 54	74 59	71 53	70 52	70 54	72 51	72 57	71 54	69 52	71 52	70 48	66 54	71 55	74 53	72 50	76 55	74 55	76 50	74 55	67 56	64 50	70 52	71 53	70 52	70 52	72 54	73 55	72 55	74 54	71 53	73 55	71.4 53.2
HILO WSO 87 AP	MAX MIN	84 70	83 73	82 68	81 68	83 70	82 72	81 71	81 68	82 67	84 67	82 70	83 70	84 71	84 68	84 66	89 58	85 58	82 68	81 70	83 66	85 68	84 66	83 66	84 69	84 68	84 70	85 70	84 71	83 68	85 72	83.3 69.1	
KAINALIU 73.2	MAX MIN		80 61	81 63	82 63	79 63	77 63			80 61	75 61	75 62	75 62	78 63			80 60	79 62	79 61	82 61				80 60	80 61	80 61	79 60	80 60			81 61	80 64	
KAMUELA 192.2	MAX MIN		83 57	77 60	73 61	72 58	74 60			74 59	74 59	74 59	72 60	70 61			75 54	80 55	80 59	76 59	71 60			75 59	72 60	72 60	73 59	72 60			75 58	75 62	74.5 59.0
KEARU 92	MAX MIN	82 66	82 70	82 68	82 66	80 65	84 67	80 68	81 67	81 66	81 66	83 66	80 66	80 68	79 68	81 66	84 65	86 65	82 67	78 67	77 65	81 65	81 65	80 65	81 65	82 65	82 65	81 67	82 68	81 66	83 67	81.3 66.3	
KEALAKEKUA 2 28.7	MAX MIN																																
KOHALA MISSION 175.1	MAX MIN	82 65	77 70	80 70	79 69	79 68	80 70	79 69	81 67	80 67	80 67	80 67	79 68	80 68	81 68	77 65	82 68	84 67	81 70	75 67	79 67	80 65	80 65	80 68	80 67	81 68	80 67	80 69	81 69	80 69	81 67	79.9 67.7	
KONA (KAILUA) 68.3	MAX MIN		85 69	85 70	82 72	82 70				86 68		84 68	82 69	83 69			86 70	86 72	85 70	86 71	85 70		85 68	84 69	84 70	84 70	85 70			86 70	86 72		
KULANI CAMP 79	MAX MIN	65 45	70 53	69 51	65 42	66 43	68 57	69 46	65 49	64 52	65 43	65 48	61 54	65 49	71 52	71 50	79 45	70 52		69 47	62 54	64 53	60 49	64 50	68 52	62 53	62 46	65 54	65 49	64 52	63 43	67 43	66.1 49.4
MAUNA LOA SLOPE OBS	MAX MIN	54 42	59 41	58 44	59 43	57 38	59 39	52 37	52 34	53 36	55 37	55 38	51 37	50 36	57 40	57 38	56 39	50 40	54 36	48 36	45 36	50 36	55 37	58 43	57 43	54 40	58 38	52 37	55 40	57 40	56 39	54.4 38.7	
MOUNTAIN VIEW 91	MAX MIN	81 61	81 61	80 63	80 61	76 62	81 63	75 65	79 61	79 51	78 62	78 62	76 62	77 63	77 63	79 61	81 63	82 63	81 61	82 62	81 61	79 61	79 61	82 61	79 61	80 60	80 60	80 61	80 61	80 61	80 61	79.1 61.8	
NAALEHU 14	MAX MIN		84 67	81 69	84 69	84 67	87 71			85 65	84 65	85 67	86 69	86 69			84 63	84 68	86 69	85 71	82 70			84 67	84 66	86 67	86 67	87 70			87 65	88 71	84.9 67.9
OOKALA 223	MAX MIN	79 70	78 66	76 68	79 68	78 68	79 67	78 68	79 66	78 68	77 67	79 67	77 66	76 66	75 63	75 63	80 68	78 67	79 66	78 65	73 65	75 65	77 67	78 68	76 66	78 67	77 69	79 67	80 67	78 68	78 68	77.6 66.9	
OPIHIHALE 2 24.1	MAX MIN	83 61	84 65	78 64	82 62	81 61	83 62	79 65	74 61	75 61	78 59	80 61	81 62	82 63	75 64	77 60	82 60	79 61	82 62	82 61	79 58	82 59	82 60	81 59	81 59	80 59	80 59	81 59	83 59	80 61	82 61	77 61	80.2 61.1
PAHALA 21	MAX MIN		84 64	83 63	82 63	82 62	87 64			85 62	82 62	83 62	81 63	85 64			86 65	85 65	83 63	84 65	83 65			83 61	84 63	85 63	84 63			86 61	87 62	84.0 63.1	
SOUTH KONA 2-31	MAX MIN																																
UPOLU POINT USCG 159.2	MAX MIN	88 69	85 71	85 72	85 70	85 71	84 73	86 71	86 70	84 69	85 67	85 69		85 67	84 69	85 70	84 70	85 73	88 72	87 72	78 69	84 70	85 70	85 70	84 71	85 69	81 70	80 70	82 71	81 71	82 71	83 71	84.2 70.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
AUGUST 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	93 79	88 80	88 76	97 79	88 78	96 76	91 75	88 78	88 78	86 79	86 80	88 78	93 78	89 79	89 79	90 78	95 75	88 79	94 75	91 76	93 78	95 78	87 80	98 79	89 79	87 76	91.0 77.9					
JOHNSTON WSO AP	MAX MIN	84 77	83 77	82 75	82 77	84 76	82 77	83 78	82 78	83 77	84 73	83 76	84 77	84 77	85 76	85 76	84 78	85 77	85 79	84 77	83 78	84 77	83 78	84 78	84 78	84 79	81 72	83 77	84 78	83.5 76.7			
LEONE	MAX MIN	86 80	87 83	85 77	85 77	86 78	87 78	87 78	88 79	88 80	88 79	87 78	88 78	87 79	88 76	86 75	85 78	86 80	90 80	89 81	92 81	90 80	89 80	89 79	87 77	87 78	86 78	87.8 76.6					
FRENCH FRIGATE SHOALS	MAX MIN	85 74	86 73	81 74	87 72	84 74	86 74	86 79	88 75	89 75	87 75	85 76	87 76	84 76	85 71	87 73	90 74	85 75	85 75	84 74	84 75	87 75	86 75	85 73	85 72	85 74	88 73	85 75	85 74	88 75	88 74	85.9 74.4	
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	84 77	83 77	84 76	83 74	82 73	81 71	80 75	81 74	82 76	83 76	84 76	82 76	81 73	82 74	82 75	82 77	82 75	82 77	84 77	85 74	82 73	85 69	85 69	85 73	85 78	82 74	84 75	85 76	84 75	88 77	83.0 74.5	
SWAIN ISLAND	MAX MIN	85 70	88 70	88 70	90 72	89 70	90 71	89 70	88 70	88 70	88 70	84 78	89 71	84 68	86 69	86 69	85 69	82 66	86 69	84 68	88 71	86 70	89 70	88 70	89 71	91 71	88 70	87 70	89 71	88 70	86 72	89 72	87.3 70.2
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12° N																																	
ANDERSEN AFB GUAM	MAX MIN	83 77	81 74	77 74	78 76	78 74	82 75	80 74	84 77	82 74	84 77	83 78	83 78	83 77	81 75	84 76	82 76	83 77	84 77	81 76	84 77	84 78	84 79	84 77	85 79	85 79	85 79	85 80	86 79	86 79	86 80	82.9 76.6	
CLARK AFB LUZON	MAX MIN	84 75	84 75	82 73	79 75	84 73	91 75	84 75	84 73	84 73	79 75	90 72	90 75	90 75	91 77	88 77	86 75	85 73	84 73	84 73	86 73	85 75	85 73	85 73	85 73	85 73	90 75	91 73	88 75	90 75	86.5 74.6		
GUAM NAS	MAX MIN	88 78	83 76	79 74	80 77	80 75	86 75	84 77	85 78	88 77	87 78	85 79	86 78	86 77	85 76	84 77	87 77	87 77	81 72	87 76	88 78	88 78	88 78	88 80	89 78	89 78	86 80	87 80	88 79	90 79	85.7 77.2		
GUAM WSO	MAX MIN	88 75	84 71	78 73	79 75	79 72	84 71	82 74	85 74	87 72	86 76	85 76	86 74	85 73	85 71	84 73	86 73	83 74	87 73	87 71	80 70	86 73	86 76	87 74	87 75	86 75	87 75	87 73	86 72	87 73	88 74	84.9 73.1	
SAIPAN USCG	MAX MIN	87 74	87 71	83 73	81 76	85 76	86 76	86 77	88 77	89 76	87 76	88 74	89 75	86 76	86 75	89 76	86 77	85 75	88 74	89 73	87 72	87 75	88 78	87 75	87 75	88 75	88 79	89 75	89 75	89 75	87.0 74.9		
WAKE WSO AP	MAX MIN	88 78	88 75	88 78	88 77	89 77	89 78	87 75	88 78	88 79	88 78	88 75	88 75	89 77	89 78	90 78	90 77	91 77	90 79	90 76	90 77	88 76	90 78	91 79	91 76	88 74	84 75	84 71	88 76	89 75	88.7 76.7		
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	83 78	86 77	86 76	82 76	82 78	86 77	86 77	83 76	87 78	87 79	85 71	87 77	87 78	84 78	85 77	85 77	85 77	86 77	86 77	87 77	87 76	87 77	87 77	87 77	88 77	88 77	87 77	87 77	87 77	87 77	85.8 77.0	
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	86 75	86 74	87 74	87 75	87 74	83 74	83 73	86 77	89 76	89 76	83 76	87 76	88 72	83 72	81 74	86 75	87 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86 79	86.1 75.2
KWAJALEIN MISSILE RM	MAX MIN	86 78	86 79	86 76	86 76	86 79	87 78	87 76	88 78	88 77	88 77	86 77	87 77	87 77	86 76	84 77	87 78	86 77	87 77	86 76	86 77	87 77	87 77	87 80	87 77	87 77	88 77	83 77	88 78	85 76	86.3 77.1		
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	85 74	87 75	87 75	84 76	86 77	87 77	85 75	86 75	87 76	85 75	86 76	86 75	86 74	84 75	87 76	85 75	86 74	87 77	85 74	86 77	86 76	87 76	87 75	86 75	86 76	87 75	85 74	83 76	82 74	87 78	85.8 75.5	
METALANIM	MAX MIN																																
PONAPE WSO	MAX MIN	88 73	82 72	84 72	81 71	85 72	89 74	90 75	90 72	87 70	90 71	87 73	84 70	85 72	84 72	86 72	89 74	89 74	89 74	86 71	88 70	89 71	90 76	88 74	87 72	89 71	90 72	81 72	89 70	88 72	89 73	87.2 72.3	
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	87 77	83 76	87 77	82 74	87 73	84 74	87 74	85 74	87 76	85 74	87 74	87 75	85 74	80 73	80 72	86 74	88 75	86 77	87 76	86 74	87 75	87 75	87 75	88 78	88 78	88 77	88 78	88 74	89 77	88 78	86.2 75.2	
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	85 71	82 70	86 74	87 76	85 76	82 70	83 76	86 73	86 74	86 73	88 73	88 70	87 74	87 73	85 73	82 70	86 72	85 77	82 72	85 74	86 72	87 74	87 75	87 76	86 73	86 74	87 75	87 74	87 73	86 74	85.6 73.3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
AUGUST 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
LIMU WSO 1020.1 AP	EVAP	.30	.33	.23	.40	.43	.43	.28	.34	.40	.35	.44	.33	.42	.28	.40	.30	.30	.20	.33	.17	.34	.39	.32	.25	.35	.37	.23	.39	.33	.30	.42	10.35
	WIND	95	130	207	224	241	188	140	111	152	165	189	222	249	201	168	90	102	99	158	245	220	164	164	160	192	218	221	208	176	167	128	5394
	MAX	86	85	82	86	84	85	85	87	83	84	89	87	-	89	89	90	91	90	94	90	89	89	88	90	91	90	91	90	91	91	88.3	
	MIN	65	67	66	64	65	65	68	63	66	65	63	66	-	71	70	70	70	70	73	74	69	71	71	67	68	68	68	70	70	71	68	68.1
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.40	.45	.42	.45	.45	.55	.45	.40	.45	.45	.48	.40	.45	.36	.40	.56	.50	.27	.47	.45	.45	.45	.53	.41	.45	.60	.42	.53	.60	.36	.45	14.06
	WIND	33	33	38	52	53	34	34	28	30	32	37	40	51	40	34	27	31	34	35	46	38	30	33	31	37	43	41	40	35	31	29	1130
	MAX	95	98	90	92	93	97	97	97	94	94	97	92	91	97	94	97	98	95	101	97	97	96	97	93	94	97	96	97	97	92	95	95.4
	MIN	69	72	71	69	70	71	72	69	70	70	70	70	71	68	70	70	71	74	73	70	68	68	70	70	70	71	67	66	64	68	69	69.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
AUGUST 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
° ° ° EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.34	.40	.24	.39	.34	.32	.38	.44	.39	.28	.35	.36	.42	.37	.36	.35	.36	.34	.42	.40	.39	.36	.25	.36	.45	.34	.44	.37	.22	.34	.37	11.14
	WIND	170	223	253	273	252	276	241	250	171	142	170	207	201	215	201	161	127	138	227	269	213	229	208	213	235	206	228	218	251	213	169	6550
	MAX	90	88	84	86	85	84	87	87	91	88	89	91	88	87	88	91	92	88	88	87	87	86	81	87	87	86	87	86	80	88	89	87.3
	MIN	70	69	72	70	70	72	70	71	70	70	68	69	70	70	70	70	69	69	70	72	71	70	71	71	70	70	70	71	70	71	70	70.2
° ° ° WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.31	.27	.08	.12	-	-	.05	.27	.19	.26	.19	.29	.13	.17	.24	.23	.11	.10	.18	.13	-	.23	.33	.20	.22	.22	.32	.20	.25	.26	.17	6.338
	WIND	124	100	75	216	101	180	136	88	51	79	82	150	61	79	138	161	78	62	51	22	31	106	71	116	121	121	91	79	59	70	92	2991
	MAX	88	82	81	72	73	83	77	86	88	89	86	88	87	87	86	84	83	78	85	88	82	89	88	88	87	87	88	89	89	86	88	84.9
	MIN	70	68	69	68	68	68	70	69	69	69	70	69	68	70	69	68	70	70	69	70	67	67	69	69	69	68	69	69	68	70	70	68.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAW	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAW	2	22 06	159 22	280				C	LIHUE PLANTATION CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAW	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAW	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	7A			C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAW	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAW	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAW	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 1062.1	5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAW	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIHAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIHAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUI MANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	1 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAIKALUA	5	21 33	158 00	1274		WI		C	WAIKALUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA U S AIR FORCE WAIHAOLE WTR CO LTD KIULIMA HOTEL KAILUA FIRE STATION GRADEN HARGER BOARD OF WTR SUPPLY STATE HOSPITAL KAMEHAMEHA SCHOOLS WAIALUA SUGAR CO. INC.
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 59	25					
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			
KANEHO MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC. C & F OFFICER HEOG PUBLIC WORKS DEPT CLOSED 7/31/76 MILNOR LOM HAROLD ROBERTS CAPITAL INVESTMENT CO. NEAL ADAMS MRS. JOHN H. BEAUMONT LYON ARBORETUM
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY EXP. STA. H.S.P.A. JOHN A ROXBURGH CHESTER T KAINUMA FEDERAL AVIATION ADM BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY WAIALUA SUGAR CO. INC. D L GRUBB CC DEPT PKS RECREATION
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410		9A		C	
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20					
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY PINEAPPLE RESEARCH INST MARK TAYLOR NAT MEM CEMETERY JACK N. WHEELER SEA LIFE PARK BOARD OF WATER SUPPLY R. E. WHITE DEPT OF GEOSCIENCE
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C	
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD WAIALUA SUGAR CO. INC. WAIHAOLE WTR CO LTD SPENCER TINKER WAIALEE LIVESK RES FARM WAIALUA SUGAR CO. INC. BEN MAYES MOUNTAIN VIEW DAIRY WAIHAOLE WTR CO LTD WAIHAOLE WTR CO LTD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	
WAIHAOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO WAILUPE VALLEY SCHOOL WAIMANALO EXP FARM WAIMANALO EXP FARM WAIALUA SUGAR CO. INC. WAIHAOLE WATER COMPANY BOARD OF WTR SUPPLY
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			
ISLAND OF MOLOKAI												
KALAUAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUAPA SETTLEMENT MOLOKAI RANCH LTD MOLOKAI GENERAL HOSP. MOLOKAI RANCH, LTD. DEL MONTE CORPORATION MOLOKAI RANCH COMPANY ALOHA AIRLINES MISS MIRIAM DAVIS PUU O HOKU RANCH
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH COMPANY
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUER 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIKAEAKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			KOELE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					S MAUI LAND-PINEAPPLE CO
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMALE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU CULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	J NATL WEATHER SERVICE
KAILILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	U H AGRICULTURE EXP STN
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A		C	KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			PIONEER MILL CO LTD
LAUNIPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		WI		C	PIONEER MILL CO LTD
LAUNIPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			KAUPO RANCH CO.
POHAKA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A		C	K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUWALA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAHALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KERAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILLO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAMALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
[ISLAND OF HAWAII]												
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA LAUPAHOEHOE SUGAR CO MRS LORMA TRUMAN BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO
MORULA 18	A 6407	03	KAU	3	19 11	155 30	600					
MOUNTAIN VIEW 91	A 6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			
OOKALA 223	A 7131	02	N HILO	2	20 01	155 17	430	7A	7A			
OPIHIHALE 2 24.1	A 7166	04	S KONA	4	19 16	155 53	1270	7A	7A			
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			
PAUHAU 217	A 7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	
PAUULO 221	A 7312	01	HAMAKUA	1	20 03	155 22	800		7A			
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY PARKER RCH-KAPAPALA DIV MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY JORDAN RAMOS STATE DIVISION OF PARKS KUKAIAU RANCH CO STATE DIV OF FISH-GAME
PAHOA 65	A 7457	02	PUNA	2	19 30	154 57	670		6A			
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			
PAPAIKOU 144.1	A 7711	02	S HILO	2	19 47	155 06	260		7A			
PAPAIKOU MAUKA 140.1	A 7721	02	S HILO	2	19 47	155 08	1270		7A			
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			
POHAKEA 220.6	A 8058	01	HAWAII	1	20 02	155 25	1760		7A			
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH KUKAIAU RANCH CO PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY MRS CAROLYN CARLSON PARKER RCH-KAPAPALA DIV KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO BOISE CASCADES WA CONST
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			
SOUTH KONA 2.31	A 8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI		C	
UMIKOA 118	A 8780	01	HAMAKUA	1	19 59	155 23	3420		7A			
UPOLU POINT USCG 159.2	A 8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			
WAIKEA SCD 88.2	A 9025	02	S HILO	2	19 40	155 08	1050		7A			
WAIKALOA-BOIS CAS 95.8	A 9142	04	HAWAII	5	19 56	155 48	900		8A			
WAIKANONOULA 178.6 CLOSED STATIONS ISLAND OF OAHU	A 9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
LUALUALEI WTR TUNNEL	A 5650	04	WAIANAE	4	21 29	158 08	1500		WI			CLOSED 7/31/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
AUGUST 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIH	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

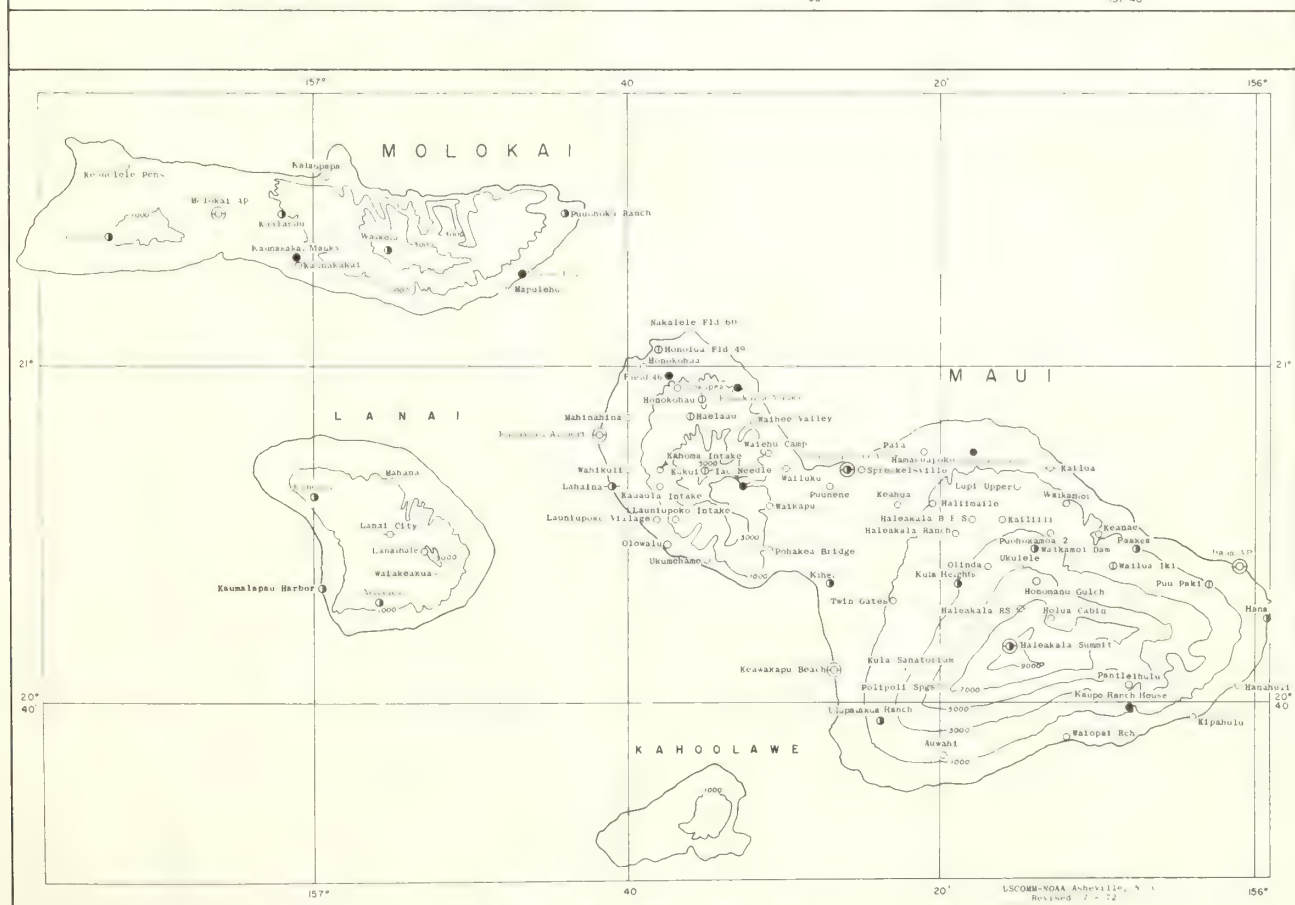
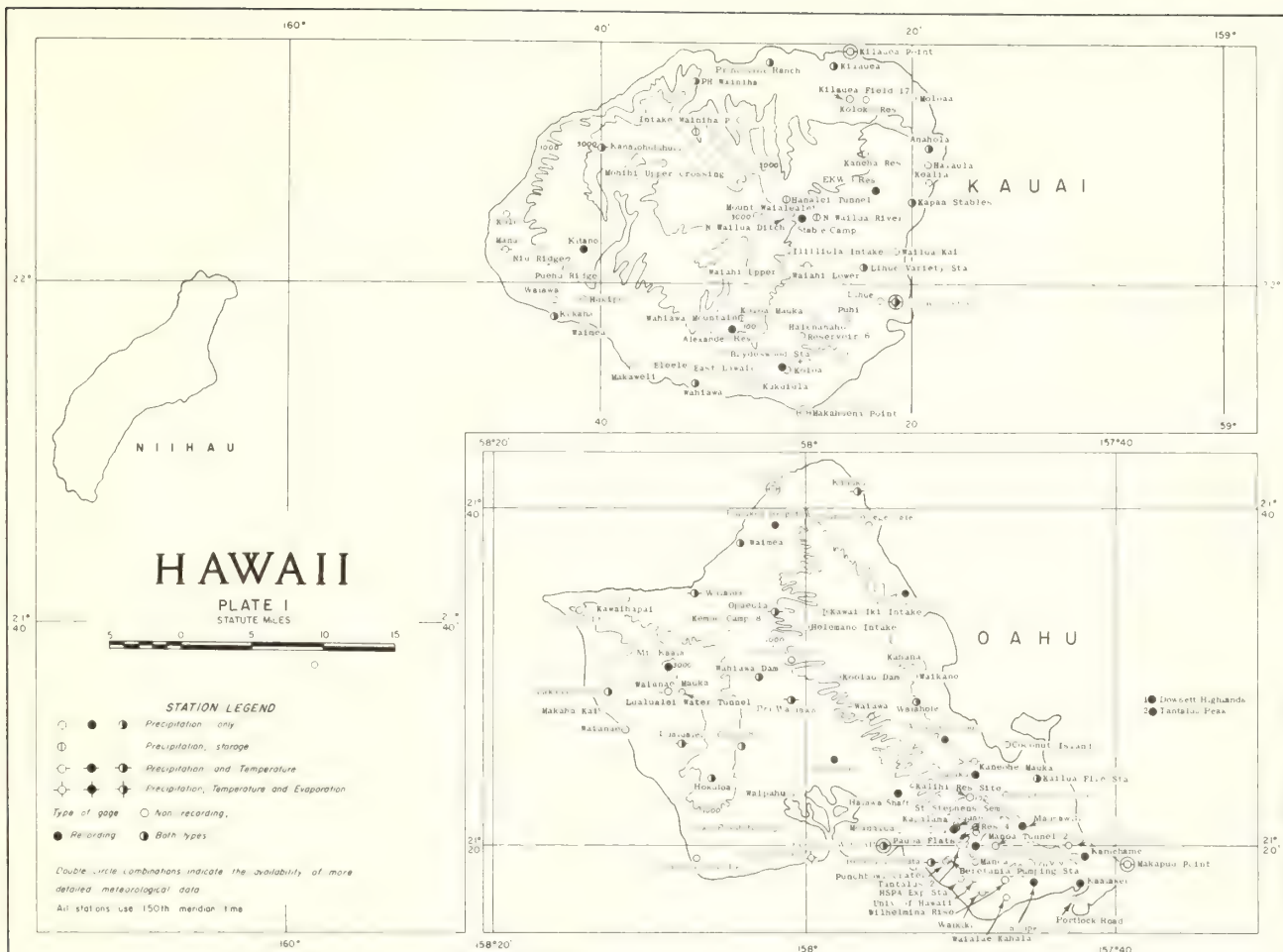
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

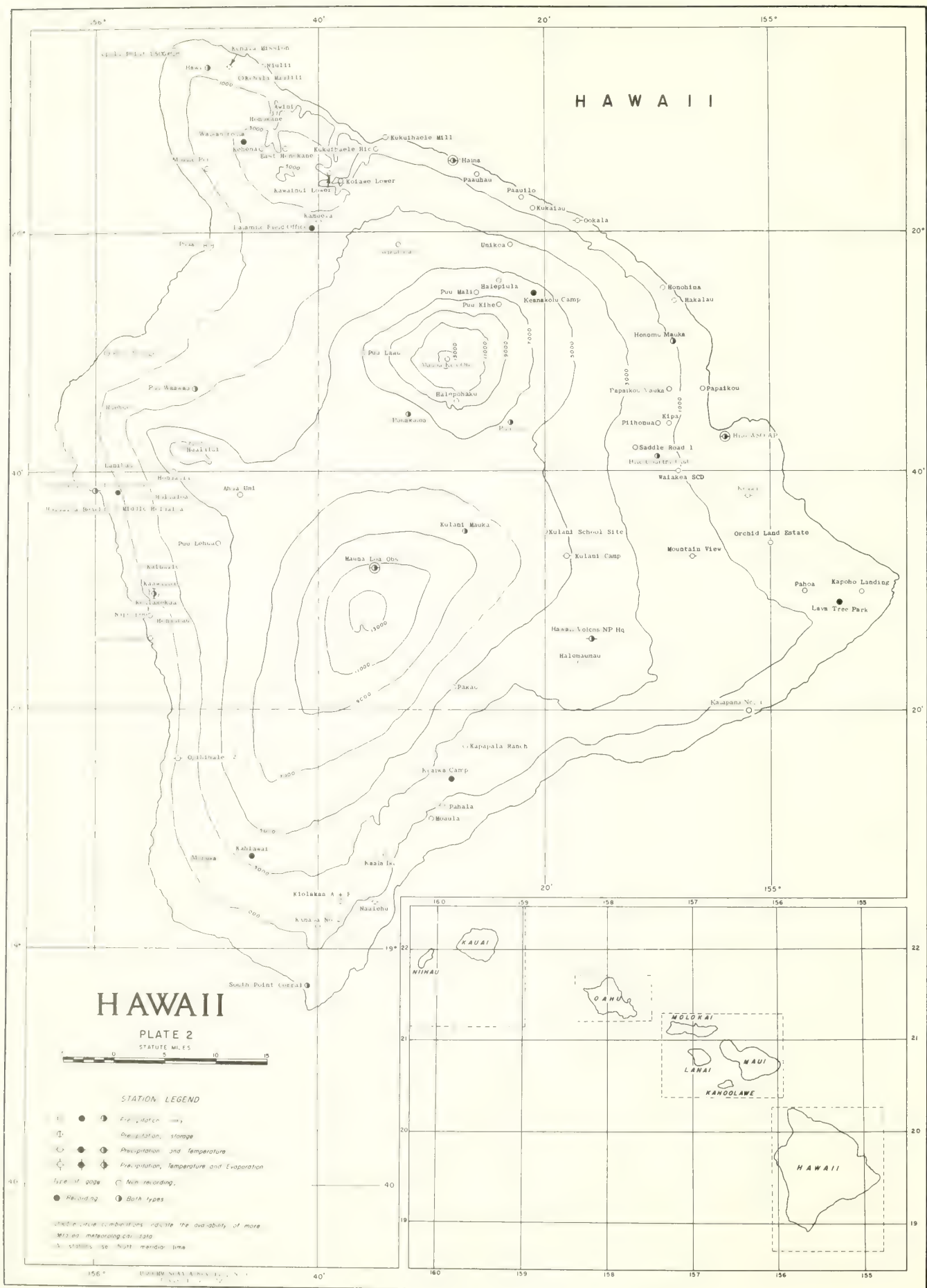
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

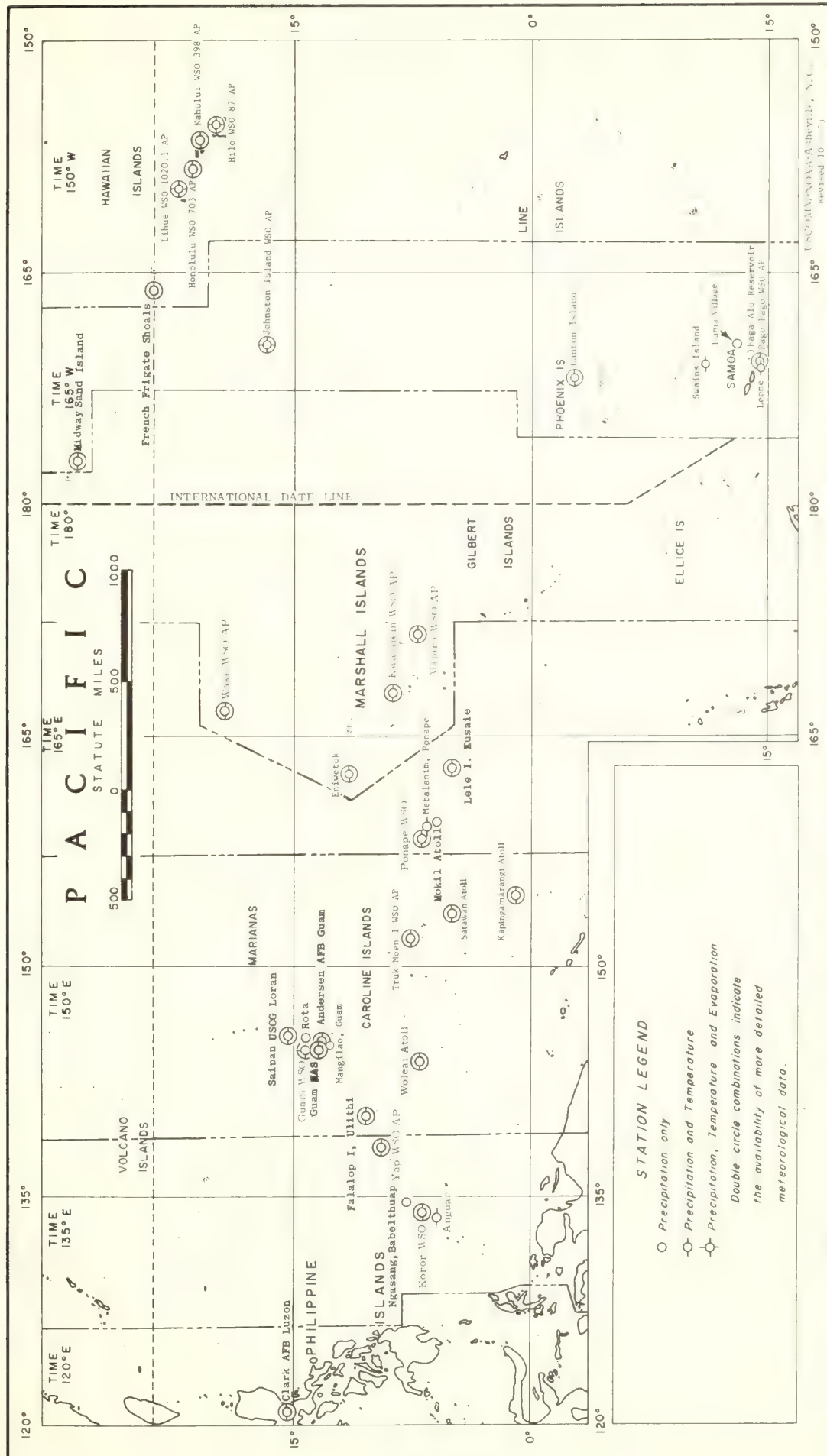
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

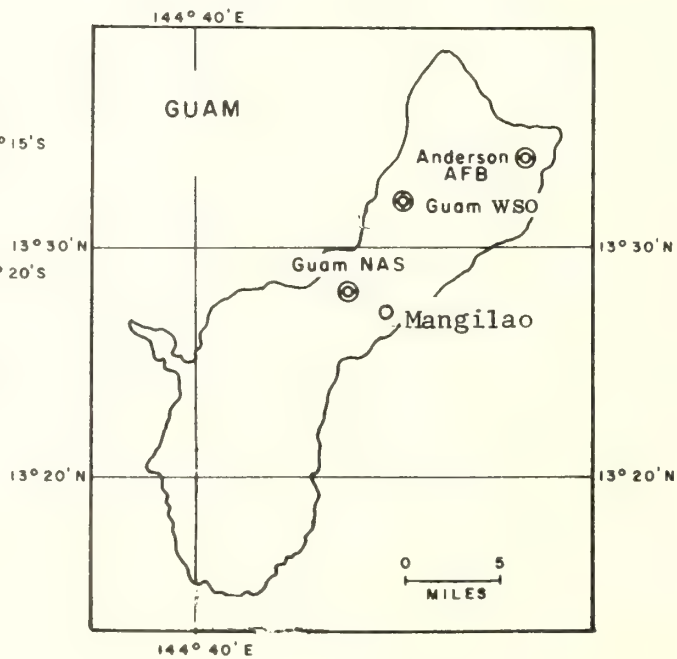
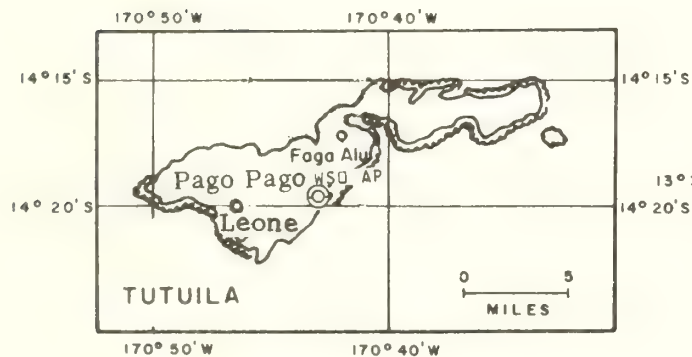
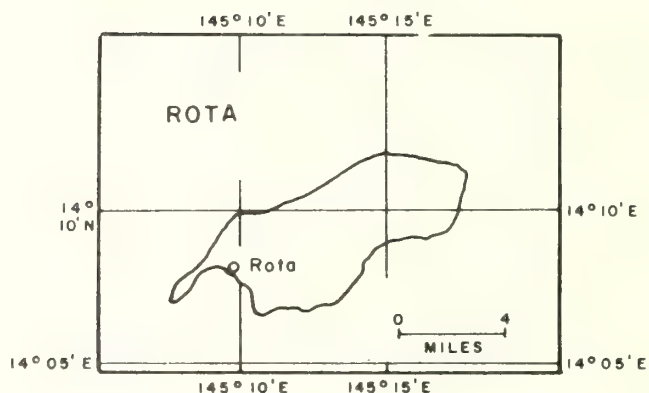
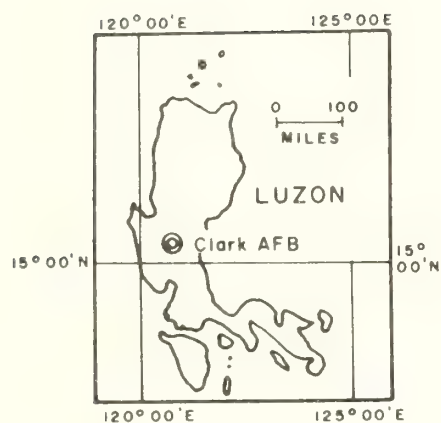
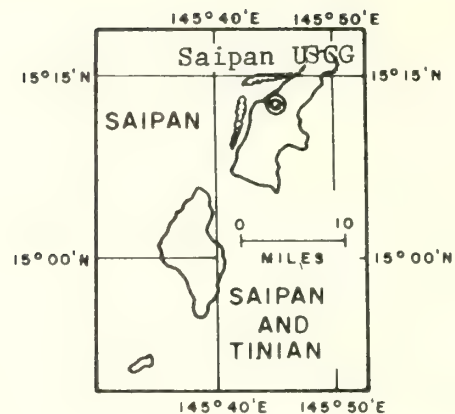
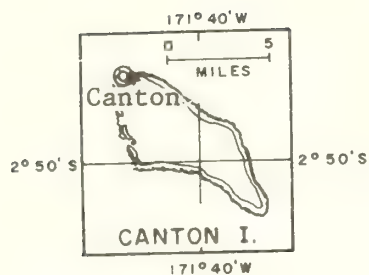
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801, Attn: Publications.

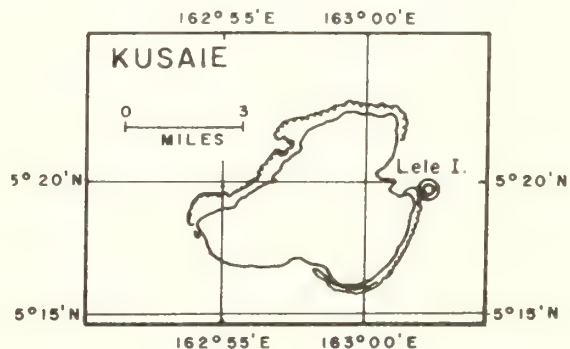
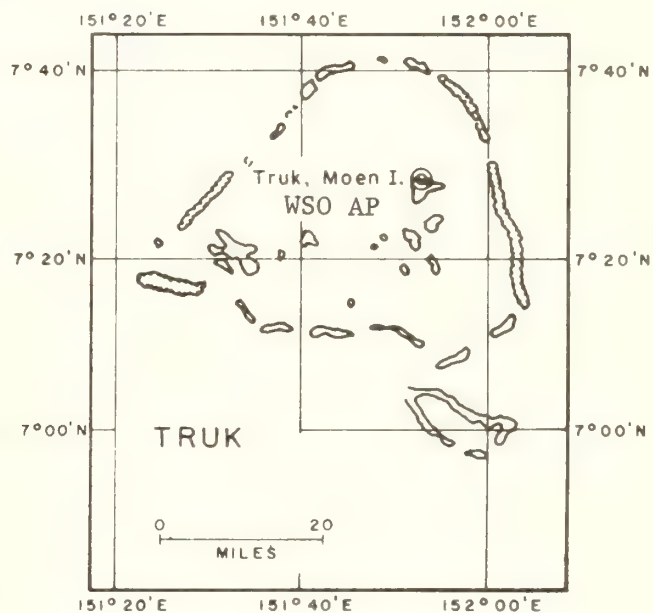
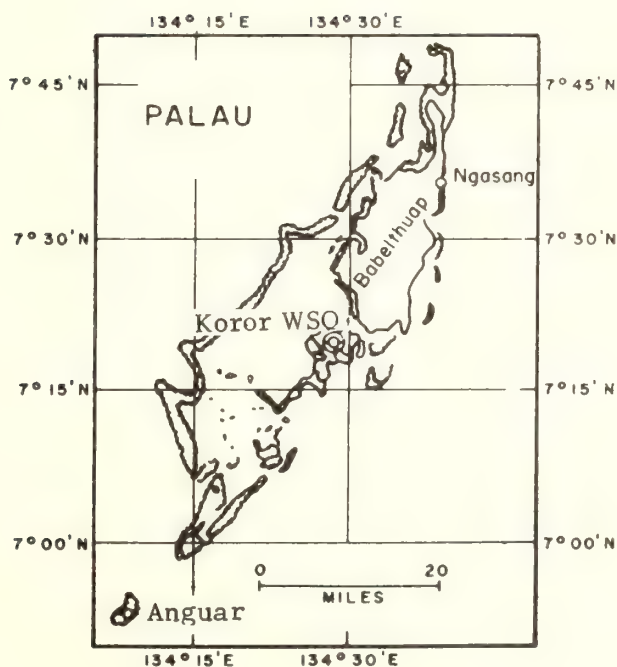
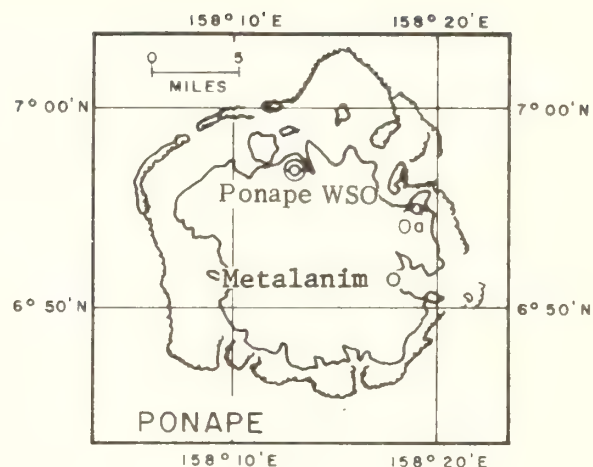
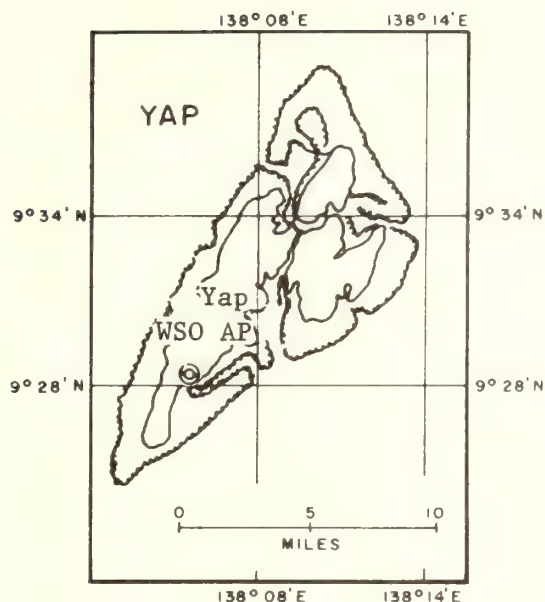




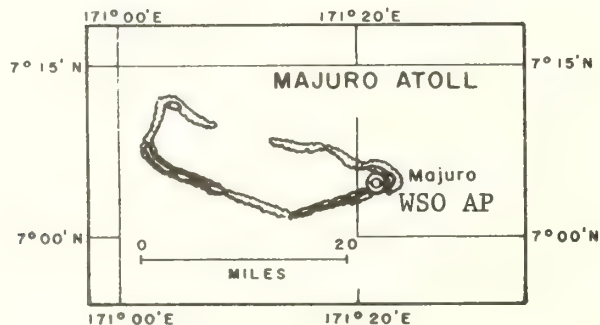
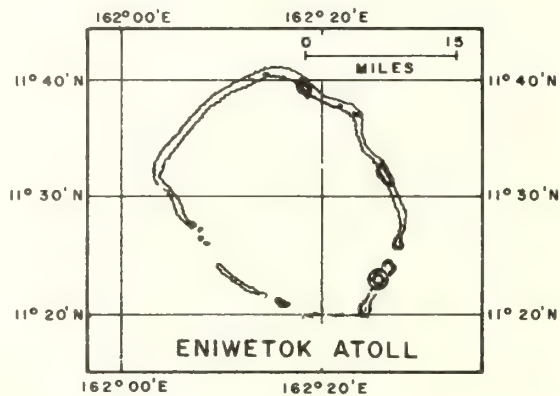
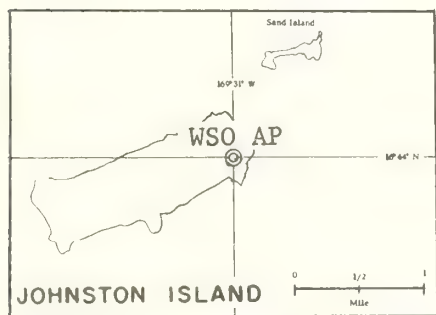
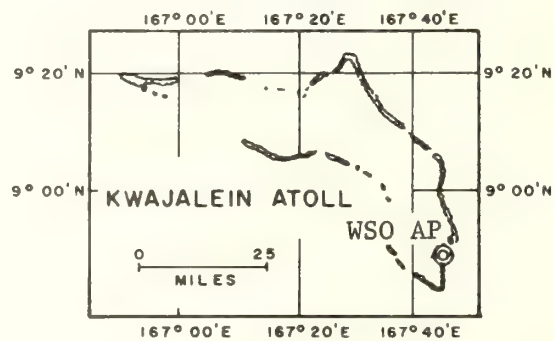
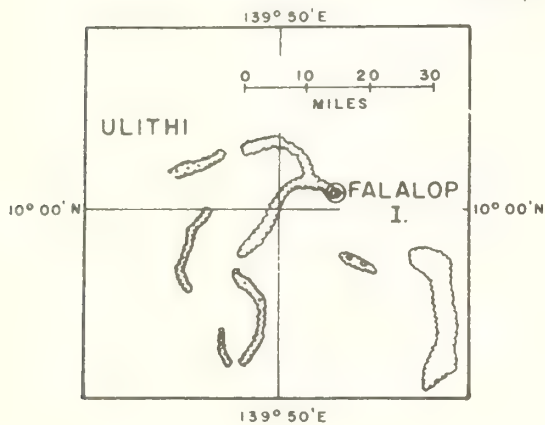
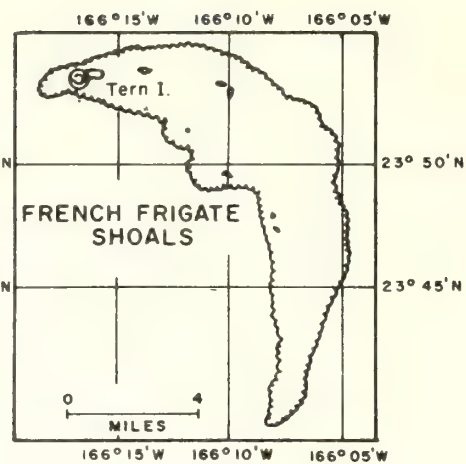
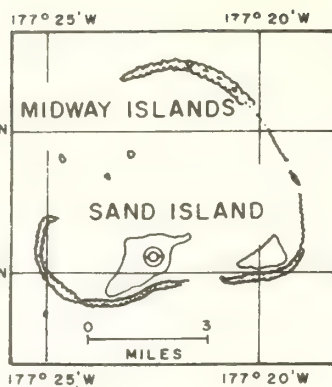
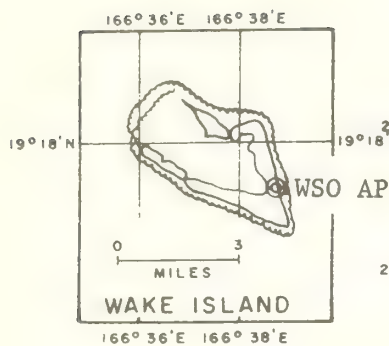




Reef



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THIRD CLASS



Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: 4 STATIONS 92 DATE 27+
 LOWEST TEMPERATURE: MAUNA LOA SLOPE OBS HAWAII 32 DATE 06+
 GREATEST TOTAL PRECIPITATION: MOUNT WAIALEALE 1047 KAUAI 18.10
 LEAST TOTAL PRECIPITATION: 7 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: KUKAIAU 222 HAWAII 3.17 DATE 18

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00-3.99	4.00 AND OVER	TOTAL		
							GREENWICH CIVIL													
							12	18	00	06										
GUAM WSO AP	-	-		29	E	31	-	77	77	91	0	16	8	4	0	1	29	56	7.	
HILO, HAWAII, WSO AP	19	0.6	6.3	19	SE	03	86	79	67	81	6	8	9	5	0	1	29	46	7.7	
HONOLULU, OAHU, WSO AP	6	8.0	10.3	29	NE	09	62	57	49	58	11	1	2	0	0	0	14	68	5.2	
JOHNSTON ISLAND WSO AP	8	16.1	16.9	34	E	27	80	81	74	80	8	10	5	1	0	0	24	71	6.1	
KAHULUI, MAUI, WSO AP	5	9.6	11.5	31	E	25	77	74	56	70	5	4	3	0	0	0	12	68	5.0	
KOROR WSO AP	7	4.2	6.7	24	SE	22	90		81	79	5	9	7	6	2	1	30	47	8.6	
KWAJALEIN WSO AP	8	10.7	11.6	32++	7	12	84	84	78	80	6	4	7	7	3	0	27	-	8.9	
LIHUE, KAUAI, WSO AP	5	7.5	10.5	22	E	14	82	79	68	79	7	7	5	2	0	0	21	65	5.6	
MAJURO WSO AP	8	7.6	9.2	30	E	18	82	83	76	81	0	9	18	0	0	1	28	48	8.6	
PAGO PAGO WSO AP	9	10.6	12.2	26	E	07+	85	82	73	82	5	13	3	2	1	0	24	54	6.6	
PONAPE WSO AP	-	-		17	NE	23+	92	-	79	80	1	6	13	5	4	1	30	42	8.1	
TRUK,MOEN I, WSO AP	8	4.7	8.1	41	NE	27	86	-	79	79	4	8	8	3	3	2	28	48	9.5	
WAKE WSO AP	9	14.1	14.8	27	E	13	84	84	69	77	5	15	3	0	0	0	23	81	3.5	
YAP WSO AP	8	6.5	7.6	18	E	14	88		77	75	4	12	9	0	0	0	25	71	7.3	

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

Daniel B. Mitchell

 DIRECTOR
NATIONAL CLIMATIC CENTER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1975

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.10 OR MORE	.50 OR MORE	1.00 OR MORE
											32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW										
PACIFIC																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND		88.4M	76.4M	82.4M		91	1	72	14		5	0	0	0	4.76				.0	0				
FAGA PLU RESERVOIR															2.33		.92	20	.0	0		4	2	
FALEASO VILLAGE															1.96		.67	8	.0	0		5	1	
JOHNSTON WSO AP		84.0	77.0	80.5	-.4	86	17	72	8		0	0	0	0	1.96	-.09	.67	8	.0	0		5	1	
LEONE		88.4	80.0	84.2		93	8	78	28*		8	0	0	0	3.51		.98	24	.0	0		6	3	
FRENCH FRIGATE SHOALS		85.3	74.6	80.0	.5	91	27	71	14		1	0	0	0	1.18	-.79	.18	12	.0	0		6	0	
MIDWAY SAND ISLAND		84.4	74.0	79.2	.5	88	22	70	10*		0	0	0	0	1.09	-2.77	.26	1	.0	0		5	0	
PAGO PAGO WSO AP		85.4	72.4	78.9	-.1	89	9*	67	18*		0	0	0	0	5.17	-.91	2.46	23	.0	0		4	2	
SWAIN ISLAND																			.0	0				
WESTERN PACIFIC ISL. NORTH OF 12°N																								
ANDERSEN AFB GUAM		84.0M	76.9M	80.5M	.7	89	23	73	26*		0	0	0	0	12.36	-1.20	2.62	5	.0	0		17	9	
CLARK AFB LUZON		86.5	73.8	80.2	.4	91	27*	72	30*		10	0	0	0	19.96	6.12	2.91	29	.0	0		19	13	
GUAM NAS		86.0	77.2	81.6	.6	91	2	75	14*		2	0	0	0	10.33	-3.80	3.18	5	.0	0		15	5	
GUAM WSO		84.7	72.4	78.6	-.5	88	3	66	28*		0	0	0	0	10.79	-3.29	3.42	5	.0	0		17	8	
MANGILAO															20.98		4.00	5	.0	0		16	11	
ROTA																			.0	0				
SAIPAN USCG		88.5M	76.3M	82.4M		96	20	72	29		6	0	0	0	10.68		2.03	9	.0	0		8	4	
WAKE WSO AP		88.7	77.0	82.9	.3	90	27*	74	18*		5	0	0	0	2.24	-3.45	.60	17	.0	0		8	1	
CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															6.53	-4.24			.0	0				
ENIWEATOK		86.4	77.4	81.9	-1.2	88	29*	73	16		0	0	0	0	6.95	-.88	1.22	27	.0	0		16	4	
FALALOP I., ULITHI																			.0	0				
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO		86.5	77.0	81.8	.2	89	30*	73	3		0	0	0	0	7.72	-5.27	3.51	2	.0	0		10	5	
KWAJALEIN MISSILE RGN		85.8	77.0	81.4	-1.1	89	19	73	24		0	0	0	0	13.50	2.63	2.48	7	.0	0		19	10	
LELE I., KUSAIE		88.4M	75.0M	81.7M	.4	92	21	73	24*		10	0	0	0	12.10	-2.82	3.21	9	.0	0		20	11	
MAJURO WSO AP		85.5	75.3	80.4	-1.0	89	27	72	22*		0	0	0	0	17.66	3.27	3.55	10	.0	0		20	11	
META ANIM		86.5M	78.3M	82.4M		90	2	70	19		1	0	0	0	18.68		5.20	8	.0	0				
MOKIL ATOLL																			.0	0				
NGASANG-BABELTHUAP															9.24		1.92	28	.0	0		15	7	
PONAPE WSO		86.7	72.5	79.6	-1.0	91	20*	70	14		9	0	0	0	24.11	7.35	6.54	8	.0	0		16	9	
SATAWAN ATOLL																			.0	0				
TRUK. MOEN I. WSO AP		85.5	75.4	80.5	-.5	89	30*	71	17		0	0	0	0	15.14	2.07	2.56	3	.0	0		14	10	
WOLEAI ATOLL																			.0	0				
YAP WSO AP		85.6	73.3	79.5	-1.8	88	30*	70	27*		0	0	0	0	13.44	.35	2.93	4	.0	0		17	9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

WASH DC AND DA IF IL
SEPTEMBER 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULUWULU 1075	MAX MIN	72 53	75 50	71 57	75 58	74 56	73 50	75 54	77 52	73 57	68 58	67 57	70 54	72 51	72 54	71 56	72 60	74 54	74 59	72 51	75 48	72 52	75 58	75 45	78 47	76 55	70 58	72 60	75 51	73 53	72 47	73.0 53.8	
KILAUEA POINT 1133	MAX MIN	83 69	84 74	84 74	85 73	84 74	85 73	85 74	85 75	86 72	88 72	82 73	82 74	85 73	85 69	84 73	84 74	85 75	86 72	86 74	86 72	84 71	85 73	86 73	84 75	85 72	84 72	86 75	86 72	85 74	84 74	85 72	84.5 72.9
KOLOA LN (MAK) 940.1	MAX MIN	86 73	87 73	87 73	88 74	87 74	85 76	88 74	88 77	89 74	88 72	86 75	86 72	86 71	86 73	86 74	86 73	87 74	87 73	86 72	91 71	91 74	86 74	85 71	87 71	88 76	88 73	87 73	87 73	85 73	87 74	86 69	87.0 73.3
LIHUE WSO 1020.1 AP	MAX MIN	83 75	83 74	85 76	86 75	84 73	83 73	85 75	85 77	83 73	83 74	83 72	83 74	84 75	84 74	84 73	84 76	84 73	85 71	84 70	84 70	84 73	84 73	84 70	86 70	87 73	84 73	83 73	84 73	85 72	83 67	84.0 73.0	
MANA 1026	MAX MIN	88 65	88 66	89 68	89 68	90 66	86 67	89 69	89 67	90 69	91 70	89 66	89 65	90 66	88 65	88 68	90 68	90 55	90 68	89 68	89 68	89 68	89 68	88 68	88 68	88 66	90 66	90 68	89 66	89 67	89 70	89 70	89.2 67.4
NIU RIDGE 1035	MAX MIN	81 60	80 60	82 61	81 61			86 62	85 63	86 64	84 63	82 60	81 60	82 61	83 62	83 62									84 60	84 61	86 62	84 63	80 61	88 64	82 62	80 61	83.1 61.6
WAIHAI LOWER 1054	MAX MIN	83 66	84 66	83 67	83 64	83 64	83 66	84 67	85 70	84 69	83 67	81 65	81 66	82 64	82 64	82 66	81 64	84 65	87 65	85 64	84 62	82 67	81 68	85 60	88 64	85 67	83 67	82 66	81 66	84 64	84 60	83.3 65.5	
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN	87 70	86 70	85 73		86 70	85 73	86 72	86 74	90 73	85 73			85 71	86 70	87 70	85 74	86 73			85 74	85 74	86 72	86 69	85 70			87 71	86 72	88 72	85 73	86 70	86.0 71.8
B Y U LAIE 903.1	MAX MIN	84 73	84 74	84 74	85 75	84 74	85 73	85 75	86 72	86 72	84 74	81 71	82 72	85 74	86 75	85 74	84 73	84 74	84 74	84 74	85 73	85 73	85 71	86 72	85 71	86 72	85 72	85 74	82 72	80 73	85 69	85 70	84.5 72.8
EWA PLANTATION 741	MAX MIN	87 68	89 68	89 69				90 68	88 70	90 69	88 70			89 66	89 66	88 69	89 70	88 69			88 66	88 67	86 67	90 67	91 67			92 69	87 69	86 68	88 67	88.6 68.0	
HONOLULU WSO 703 AP	MAX MIN	90 74	89 74	88 75	88 75	88 72	90 74	91 72	91 78	88 75	87 74	87 74	89 74	90 72	89 73	87 75	87 76	86 72	85 70	86 69	86 74	86 70	89 70	89 70	91 76	88 73	88 73	87 75	87 71	89 70	87 68	88.3 73.1	
HONOLULU SUBSTA 704	MAX MIN	82 74	82 74	82 73	83 73	81 74	82 74	86 74	84 76	82 73	81 71	80 70	82 70	82 71	81 71	82 73	84 73	84 71	83 71	83 71	84 71	82 71	85 73	86 74	85 71	86 74	84 74	82 73	82 74	83 74		82.8 72.6	
KANEHE MAUKA 781	MAX MIN	81 72	84 73	81 71	82 70	83 70	84 72	83 73	86 74	84 74	82 72	78 71	83 72	84 74	85 72	83 73	84 72	82 73	83 71	86 72	86 73	85 73	80 72	54 74	87 75	86 75	85 74	83 75	82 72	80 70	85 72	83.4 72.4	
LUALUALEI 804	MAX MIN																																
MANDA LYON ARBORETUM	MAX MIN	78 66	80 67	79 67	80 66	82 66	81 67	82 68	85 70	83 67	80 66	79 67	76 64	80 65	79 66	81 66	79 67	81 63	83 63	85 64	84 63	84 64	79 67	82 67	86 68	84 67	83 67	78 66	77 66	80 66	83 64	81.2 66.1	
OPAEULA 870	MAX MIN	80 65	80 64	80 66	80 70	79 69	79 67	80 68	82 67	85 70	86 68	86 67	79 67	86 66	86 65	86 67	78 69	87 71	82 68	83 67	86 70	88 67	88 66	84 67	85 68	84 68	85 69	77 68	84 70	84 69	84 66	83.2 67.7	
WAIALEE 896.3	MAX MIN	82 70	84 73	84 71	84 73	84 73	83 73	84 73	87 76	85 72	84 75	84 72	84 70	83 73	85 74	84 73	83 70	85 69	82 74	85 70	82 73	86 72	85 73	85 75	84 74	84 74	83 72	86 74	84 72	84 74	85 72	84.1 72.7	
WAIKALUA 847	MAX MIN	85 64	88 67	86 66	86 67	85 69	87 66	87 66	86 67	89 71	86 68	84 69	84 69	85 67	87 64	87 64	85 67	83 69	85 68	85 68	85 68	82 65	83 65	85 66	89 70	85 67	81 69	82 68	85 66	85 66		85.4 67.1	
WAIKIKI 717.2	MAX MIN	88 70	89 69	90 70	89 72	89 70	89 69	90 67	92 73	91 70	88 67	88 67	89 67	89 69	88 67	89 67	88 65	89 65	88 65	89 65	87 66	89 65	91 65	86 65	90 65	92 68	91 68	87 68	88 71	88 68	88 68	89.0 68.5	
WAIMANALO EXP FARM	MAX MIN	83 74	86 73	86 73	86 74	85 73	86 74	86 74	88 72	87 72	85 70	82 72	84 72	85 73	85 71	85 74	84 72	84 69	88 65	85 69	87 69	83 71	85 73	87 73	86 74	87 72	83 72	83 72	83 72	87 69	87 69	85.2 71.9	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN		82 72	77 68				79 65	73 70	83 69	83 68			83 67	83 65	83 63	83 67	83 68			83 66	80 66	79 66	81 69	81 69		80 69	76 68	78 68	79 67			
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX MIN	69 43	65 43	65 50	67 48	66 48	67 41	64 44	67 48	69 50	68 52	68 50	70 44	75 42	65 45	66 44	67 46	70 43	68 46	65 44	68 43	67 43	65 42	66 44	70 44	66 44	65 44	63 49	67 50	65 47	67 45	67.2 45.7	
HALEAKALA SUMMIT 338.4	MAX MIN																																
HANA AIRPORT 355	MAX MIN	85 70	86 72	83 71	84 72	83 68	87 69	85 72		85 72	82 69	82 69	82 70	83 70	84 70	84 69	83 66	82 66	84 66	83 66	84 65	85 65	85 67	83 68	83 72	86 74	80 70	83 59	82 70	84 71	84 69	83.7 69.3	
KAAHAPALI AP 453.1	MAX MIN																																
KAHULUI WSO 398 AP	MAX MIN	90 67	88 68	90 73	88 75	87 73	86 65	91 65	92 68	89 75	86 74	86 73	88 73	89 64	90 69	88 69	87 74	87 69	88 65	87 66	86 66	88 66	87 67	90 71	91 72	86 73	85 73	85 74	84 73	87 69	87 72	87.7 70.0	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KAILUA 446	MAX MIN	79 69	79 69	79 69				80 67	81 67	76 67		78 67			79 67	79 68	80 68	81 68	79 67			82 68	83 70	80 69	80 69	83 70		78 67	82 67	78 67	77 67	79.7 68.0	
KEAWAKAPU BEACH 250.2		MAX MIN																															
KILA SANATORIUM 267	MAX MIN	75 56	74 55	74 56	78 60	78 58	79 58	76 61	81 62	79 63	77 58	76 61	77 60	77 60	74 60	77 60	79 58	78 59	76 60	77 60	78 62	80 59	78 60	78 61	77 63	76 60	82 61	81 59	75 62	72 63	73 62	77.1 59.9	
LAHAINA 361	MAX MIN	87 68	89 68	89 70	90 70	88 68	91 68	91 68	89 69	90 72	87 71	90 69	89 72	89 76	89 68	87 69	88 68	88 70	89 69	91 70	88 71	88 69	90 70	85 70	88 72	90 71	89 72	88 70	88 74	88 71	87 71	88.7 70.1	
WAILUKU 386	MAX MIN	83 73	84 74	80 73				84 72	84 75	86 73	83 72			82 70	83 72	83 73	82 73	83 72			84 68	82 73	83 72	83 72	87 73		84 70	82 73	82 71	83 72	83 72	83.2 72.2	
T. LAND OF HAWAII																																	
HAWAII VOLCANO NP HJ 54	MAX MIN	72 53	72 55	69 55	72 55	71 53	73 54	75 54	79 59	70 57	70 54	73 54	68 55	69 53	72 49	69 53	71 48	72 55	75 54	74 53	72 54	74 51	74 51	77 60	77 59	75 55	74 53	75 56	72 54	75 53	76 54	72.9 54.1	
MILWAUKEE 87 WP	MAX MIN	85 69	84 69	84 69	84 69	84 67	85 68	90 68	84 72	84 72	83 68	83 70	83 71	84 69	83 68	84 64	86 68	88 69	86 67	85 69	86 67	85 63	85 66	87 66	86 73	85 66	84 68	84 68	85 71	87 71	88 70	85.0 68.8	
KAHUNA 11 73.0	MAX MIN	78 62	81 61	80 62				80 60	82 64	81 64	79 64	80 64	77 64	78 62	79 61	80 62	82 62	81 61	81 60	78 59	80 61	81 62	83 66	82 64	81 62	78 64	80 62	78 63	80 63	78 63	79.9 62.3		
KAHUNA 11 152.0	MAX MIN	76 61	75 58	72 62				78 61	83 64	76 63	74 62			75 61	76 62	75 61	73 62			83 51	79 55	76 58	79 58	82 57			79 60	74 62	76 60	81 62	77.0 60.0		
KEAHO 90	MAX MIN	83 68	83 68	81 68	82 67	82 65	82 67	84 67	86 67	82 70	80 65	83 67	81 68	81 66	84 66	79 64	81 67	82 67	85 67	85 66	84 65	84 64	84 66	87 65	84 69	84 66	84 67	85 66	83 68	85 68	87 69	83.2 66.8	
KEHLAKUKA 2 28.7		MAX MIN																															
KOHALA MISION 175.1	MAX MIN	81 68	82 68	79 69	80 70	81 68	81 67	82 68	85 72	81 70	80 68	80 67	81 67	82 66	82 67	81 68	81 67	83 67	84 65	85 64	84 66	83 65	82 67	85 70	83 68	83 67	83 69	82 69	83 70	85 70	82.1 67.9		
KONA KAILUA 58.3	MAX MIN	85 71	85 71	86 70				86 69	86 72	85 74	84 73			84 69	85 70	85 70	84 71	85 71			86 69	85 68		86 69	88 74		88 69	86 70	86 70	88 72			
KULANI CAMP 79	MAX MIN	65 45	63 52	64 50	65 51	65 55	65 44	69 49	73 59	66 54	65 50	67 50	62 52	65 50	64 55	65 52	62 48	69 50	69 49	67 54	68 42	72 62	72 62	70 65	70 52	66 59	69 53	65 50	67 58	70 51	66.8 52.1		
MAUNA KOA GOLF 085	MAX MIN	54 37	53 36	50 35	49 34	49 32	49 32	50 35	47 37	54 39	55 38	52 36	51 34	52 35	52 36	54 37	54 36	52 36	50 36	56 37	57 40	54 38	50 39	51 37	53 36	55 40	53 40	56 40	52 37	53 36	52.2 36.6		
MOUNTAIN VIEW 91	MAX MIN	77 63	79 64	73 64	79 63	81 61	81 61	81 61	83 64	78 65	75 63	79 63	78 61	78 61	79 62	74 60	77 60	80 61	81 63	83 59	83 59	81 61	81 65	79 61	82 63	81 60	81 60	78 63	81 63	81 64	79.6 61.9		
NAALEHU 14	MAX MIN	82 67	86 68	82 70				87 61	86 72	85 70	86 69			85 66	87 69	85 68	86 66	88 67			87 68	85 67	85 64	89 72	84 71		85 66	84 67	86 69	89 71	85.7 68.0		
OOKALA 223	MAX MIN	78 69	78 68	77 69	78 70	79 63	78 68	77 67	83 71	77 70	78 69	77 68	77 68	78 69	80 70	77 65	79 66	77 67	79 67	81 66	79 67	81 66	78 67	78 69	80 69	79 66	80 69	76 67	78 67	78 67	78.4 67.9		
OPIMIALE 2 24.1	MAX MIN	83 60	82 60	82 61	82 58	83 58	83 58	84 63	81 63	84 65	75 64	80 64	79 62	80 60	82 58	82 62	83 63	81 60	85 60	80 65	80 60	84 59	85 60	85 62	86 63	82 61	80 61	78 64	78 64	83 60	84 60	81.9 61.5	
PAHALA 21	MAX MIN	82 62	84 63	83 63				86 63	87 68	86 69	85 65			84 62	84 62	84 62	86 64	87 64			86 64	82 62	83 63	87 67	83 67		85 64	80 64	85 64	86 66		84.5 63.9	
SOUTH KONA 2.31		MAX MIN																															
UPOLU POINT USCG 159.2	MAX MIN	84 71	83 70	83 72	85 73	86 71	85 70	86 72	89 75	86 70	86 72	86 71	86 71	86 70	87 69	82 72	81 70	80 71	80 71	83 72	81 70	86 69	86 72	89 73	87 72	87 72	86 71	87 71	87 72	88 73	85.1 71.3		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	91 76	88 80	87 74	87 77	89 78	88 78	87 78	87 80	87 79	87 79		90 73	86 72	87 77	88 77	89 75	89 76		89 74	89 74	89 75	89 73	88 73	88 76	89 77	88 76	89 77	90 78	90 79	90 78	88.4 76.4	
JOHNSTON WSO AP	MAX MIN	84 78	84 78	84 77	84 78	85 78	84 78	83 77	85 72	84 74	84 79	84 76	84 78	85 78	83 76	83 78	83 76	86 77	85 78	85 76	85 78	84 78	83 75	83 74	84 77	84 77	84 78	85 77	85 78	85 78	84.0 77.0		
LEONE	MAX MIN	89 79	91 83	89 80	89 79	90 82	92 79	91 83	91 82	86 82	87 80	87 79	86 79	87 78	88 79	87 79	87 78	87 79	87 79	87 80	87 79	87 80	88 79	88 80	88 81	88 80	88 83	85 78	87 79	92 82	86.4 80.0		
FRENCH FRIGATE SHOALS	MAX MIN	88 74	86 75	87 72	85 74	86 73	88 76	88 75	86 77	85 72	78 73	81 76	78 72	80 71	81 72	79 72	81 72	88 73	87 76	86 75	88 73	86 74	86 73	86 75	88 74	88 75	91 79	87 77	87 80	87 77	85.3 74.6		
MIDWAY SAND ISLAND	MAX MIN	84 72	86 74	85 72	87 71	87 75	87 76	87 78	83 70	83 73	83 73	83 73	82 74	83 73	83 72	84 73	85 72	84 75	84 73	84 73	84 74	84 77	84 79	83 77	85 76	85 78	84 77	83 74	82 74	82 73	84.4 74.0		
PAGO PAGO WSO AP	MAX MIN	86 72	85 72	86 71	85 74	86 71	86 68	89 73	88 71	89 71	84 70	87 78	85 74	84 77	85 76	85 71	83 68	84 67	86 67	87 77	88 72	88 69	88 73	88 71	88 71	88 77	88 74	88 77	88 73	88 70	85.4 72.4		
SWAIN ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	85 80	85 79	86 79	86 78	81 77	83 78	84 78	82 77	84 75	85 79	80 78	84 79	84 78	80 77	85 76	85 76	86 76	84 76	85 78	86 78	87 76	86 78	89 75	84 73	82 73	83 76	82 74	82 74		84.0 76.9		
CLARK AFB LUZON	MAX MIN	90 73	88 72	90 77	90 73	90 75	90 73	88 75	88 77	88 75	84 73	86 73	82 75	77 73	77 75	84 73	86 75	86 75	84 75	86 73	86 75	86 73	84 72	81 73	86 73	91 73	91 73	90 73	90 72	84 72	86.5 73.8		
GUAM NAS	MAX MIN	90 79	91 79	87 79	89 79	80 75	86 75	85 78	84 76	87 75	88 77	80 77	84 78	84 76	81 75	86 76	86 75	85 76	88 79	89 78	88 76	87 79	87 76	85 76	83 77	86 77	87 77	86 77	87 78	89 78	86.0 77.2		
GUAM WSMO	MAX MIN	86 72	87 72	88 72	87 72	80 66	84 75	85 76	85 72	85 72	87 69	78 74	84 75	82 74	80 73	84 75	84 73	85 73	84 73	85 73	86 73	86 74	86 75	84 74	85 74	86 73	87 71	86 68	87 70	86.8 72.4			
SAIPAN USCG	MAX MIN	90 74	89 77	90 75	90 75	86 77	88 77	88 75	88 77	88 77	89 74	89 75	86 80	87 79	89 76	86 76	87 74	87 77	87 77	89 79	96 79	91 79	89 76	88 76	89 75	88 74	87 75	89 79	87 72	87 76	88.5 76.3		
WAKE WSO AP	MAX MIN	89 80	89 79	89 77	89 77	89 78	87 74	88 74	89 78	89 78	90 78	89 75	90 79	89 78	90 77	87 78	89 77	84 77	89 77	89 77	87 77	87 77	88 77	88 76	88 77	88 77	89 77	89 77	89 77	89 77	88.7 77.0		
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWEATK	MAX MIN	86 77	84 77	84 77	84 78	85 78	85 78	88 77	88 78	86 77	86 79	84 77	86 77	86 76	87 78	86 78	86 77	86 77	87 77	88 77	88 76	88 76	87 75	87 76	87 76	87 76	87 76	87 83	88 78	87 77	86.4 77.4		
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	87 75	80 74	88 73	82 75	84 75	84 74	86 76	86 75	85 78	87 79	86 78	86 80	87 80	86 80	86 80	87 78	87 80	86 79	85 74	86 78	87 76	87 76	89 76	89 76	89 78	89 78	87 75	88 78	89 77	86.5 77.0		
KWAJALEIN MISSILE RGN	MAX MIN	85 76	86 78	87 77	87 76	87 78	87 79	82 74	86 77	86 76	85 80	86 76	83 75	88 76	85 77	86 78	81 74	81 75	87 74	89 79	87 79	88 78	85 76	87 73	86 73	85 78	87 78	87 79	87 79	87 78	85.8 77.0		
LELE I. KUSAIE	MAX MIN	88 76	89 74	89 76	90 75	89 77	89 77	88 75	86 73	84 73	87 75	87 75	85 76	91 73	90 75	87 77	86 73	87 76	87 76	91 76	92 76	88 76	86 75	85 73	88 75	90 75	91 74	91 75	91 75	88.4 75.0			
MAJURO WSO AP	MAX MIN	85 75	85 74	87 78	84 76	86 73	82 74	87 76	86 75	85 78	82 74	81 72	84 74	86 79	83 75	82 76	85 75	87 76	88 76	88 77	86 76	86 74	88 75	88 75	86 75	88 75	89 76	87 75	88 76	88 79	85.5 75.3		
METALANIM	MAX MIN		90 79	86 78	86 73	86 73	85 78	80 76	85 77	86 79	80 79	87 79	87 79	87 81	88 83	89 85	87 76	84 78	87 80	88 70	87 76	89 80	83 77	87 80	86 82	88 78	87 80	88 82	86 78	89 81	86.5 78.3		
PONAPE WSO	MAX MIN	86 72	83 72	85 71	87 72	89 74	83 73	80 72	78 75	87 75	86 74	83 75	88 73	90 71	90 71	90 72	88 73	85 72	90 71	91 72	91 72	89 73	84 73	86 73	88 72	88 72	90 72	88 74	90 72	89 73	86.7 72.5		
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	88 76	89 77	82 75	85 77	87 75	85 77	85 74	82 73	85 76	84 76	82 74	83 74	86 79	86 74	86 79	86 79	83 71	80 73	86 78	88 75	87 75	88 76	83 74	81 74	87 74	88 74	87 75	86 76	88 75	85.5 75.4		
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	87 76	88 74	87 75	82 72	86 73	85 74	87 76	85 75	84 74	87 74	86 74	83 73	82 74	83 74	84 74	85 73	85 72	83 72	86 74	88 74	88 72	87 74	87 74	87 70	83 70	87 74	86 70	88 72	85.6 73.3			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
IS. AND OF KAURI																																	
TIME WSO 10.0-1 AP	EVAP	.37	.33	.30	.40	.38	.37	.32	.25	.34	.36	.35	.35	.33	.37	.31	.39	.38	.30	.30	.31	.30	.27	.30	.25	.31	.29	.22	.23	.31	.26	9.55	
	WIND	144	140	177	188	194	147	135	139	170	224	202	173	164	158	189	230	203	125	85	75	150	176	115	100	122	119	140	140	120	91	4534	
	MAX	91	92	89	89	89	89	89	91	93	90	89	90	90	90	90	90	91	90	93	90	89	86	90	91	92	92	91	86	89	91	90.1	
	MIN	68	70	70	71	70	70	70	71	71	70	70	70	70	70	70	70	69	70	69	65	69	71	68	68	68	71	70	70	69	66	69.5	
IS. AND OF OAHU																																	
HONO. OBSERV 102.2	EVAP	.20	.30	.28	.40	.43	.45	.30	.30	.45	.36	.32	.30	.36	.36	.43	.36	.45	.30	.38	.34	.37	.22	.30	.35	.35	.19	.33	.27	.18	.37	10.00	
	WIND	23	24	24	38	32	29	23	33	40	41	33	23	25	28	35	41	39	25	24	21	25	19	24	26	27	20	30	24	22	30	847	
	MAX	88	94	92	96	95	99	92	92	96	95	88	92	94	94	93	92	96	88	89	90	97	90	98	98	99	95	89	91	89	97	93.3	
	MIN	69	69	71	71	70	70	70	68	71	75	70	70	69	69	69	70	70	71	70	69	70	71	70	71	72	72	71	72	72	72	72	70.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																
■ ■ ■ EAST OF 180TH MERIDIAN																																
JOHNSTON WSO AP	EVAP	.42	.40	.38	.39	.41	.40	.40	.36	.42	.36	.33	.37	.38	.35	.36	.38	.44	.37	.45	.27	.24	-	.20	.27	.45	.38	.30	.22	.29	.33	10.578
	WIND	197	197	180	221	223	188	182	206	235	222	221	203	198	201	191	226	235	202	246	199	139	270	151	182	156	223	147	77	105	110	574.3
	MAX	88	87	88	87	87	88	88	87	86	86	85	87	89	88	87	86	88	89	88	91	87	85	88	89	89	88	92	94	93	90	88.1
	MIN	68	69	68	70	70	70	69	69	71	72	71	71	71	71	70	70	70	70	70	70	72	73	72	71	69	70	69	70	72	71	70.3
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																
GUAM WSMO	EVAP	.20	.21	.26	.25	.10	.09	.10	.11	.12	.10	.06	.12	.10	.05	.16	.20	.29	.21	.26	.18	.25	.19	.23	.11	.22	.13	.26	.15	.23	.27	5.47
	WIND	56	56	50	84	188	181	79	36	31	48	24	92	156	236	264	144	129	.02	83	37	70	53	86	76	71	40	57	34	44	108	265.3
	MAX	89	91	92	86	79	82	84	87	85	90	84	80	81	77	83	86	87	84	88	84	88	86	89	82	87	83	90	91	88	88	85.7
	MIN	69	70	69	71	69	70	71	70	70	68	69	70	71	69	69	71	70	72	71	70	71	71	71	70	68	67	68	67	68	70	69.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAW	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0243	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAW	2	22 06	159 22	280				C	LIHUE PLANTATION CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAW	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALANANHO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAW	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HANAIEI 945	2151	03	WAIIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
LIILIULU INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIIMEA	3	22 08	159 40	3600	7A	7A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAW	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAW	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAW	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1	4650	03	WAIIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKULULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 1062.1A	5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAWELI 965	A 5864	03	WAIIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAW	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKALEALE 1047	R 6565	03	WAIIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIIMEA 947	9629	03	WAIIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHIIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAIKAWA	5	21 33	158 00	1274		WI		C	WAIKAWA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
*HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL 1 SEE NOTES	
ISLAND OF OAHU												
KAA LAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240	9A				U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800	WI				WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 59	25					KIULIMA HOTEL
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10	8A			C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOME MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614	8A				KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40	7A				WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725	7A				WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160	8A				C & F OFFICER HEOG
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 44	240				C	MILNOR LOM
MAKAKA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15	7A				HAROLD ROBERTS
MAKAKA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400	8A			C	CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300	6A				NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220	7A				MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20	9A				JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAAHA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10	7A				D L GRUBB
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480	10A				CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PRI WAIHAWA 820.2	A 8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	CLOSED 8/31/76
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	MRS DAVID DELAO
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360	8A				NAT MEM CEMETERY
PUPUEKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C	SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79	8A				DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115	6A				W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854	7A			C	WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745	8A			C	WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40	7A				SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10	7A				BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800	MO				WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760	WI				WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59	8A				WAIHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30	8A				KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12	7A				MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878	7A			C	DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070	9A			C	MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700	6A			C	PUU O HOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550	WI			C	MOLOKAI RANCH COMPANY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
ISLAND OF LANAI												
KANEPLU 690	H 3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KA MALAPA HARBOUR 658	3451	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 670	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAI HALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAJEA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIKAEHUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			KOELE COMPANY
ISLAND OF MAUI												
HAWAII 350	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 45 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HALEAKALA R F S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RD 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HAUIMALE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPUKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HANA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 367.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAAHULOA MAUKA 480.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KIPAHULU 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	J NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 445	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAJAULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 254	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	U H AGRICULTURE EXP STN
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5066	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		WI			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPU UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAHAKE 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAOHULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL NOTES	
ISLAND OF MAUI												
WAIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 3315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR			EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					S EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAILOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220					HALEKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAUNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HALEKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 15	3971	8A	8A			HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	600		6A			K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	1	19 41	155 10	1600		7A			REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		J	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 52	1040					SID WEINRICH
HONAUUNU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1711	02	N HILO	1	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	6150		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700					RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2867	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	1	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAHA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 4	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO LANDING 93.5	A 3369	02	PUNA	1	19 30	154 52	1000		VAR			DEPT OF PUBLIC WORKS
KAWAINU LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 59	1060		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 10	285	8A	8A			PUNA SUGAR CO
KEAUA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700					KAU SUGAR COMPANY, INC
KEALAKEUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280					STATE DIV OF FORESTRY
KIDLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 59	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	155 00	1000	6A	8A			STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	1000		6A			HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		WI			MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILLO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615					STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1500		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MAUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A 6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
MAUNA KEA 14	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
MAUNA KILAUEA 8	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
MAUNA KILAUEA 20.2	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN
ORCHID LAND EST 91.5	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAAUHAU 100.1	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUNA SUGAR COMPANY
PAKAO 37	7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIOU 144.1	7711	01	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PAPAIOU MAUKA 140.1	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			JORDAN RAMOS
POHAKEA 107	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUU KIE 120	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MAU 11.5	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	8675	03	KAU	3	18 57	155 41	500		WI		C	PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAE SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALO-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
CLOSED STATIONS												
ISLAND OF OAHU												
PRI WAIHAWA 820.2	8172	05	WAIHAWA	5	21 28	158 01	700	8A	8A		C	CLOSED 8/31/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
SEPTEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W		9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	85		9A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		9A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A		NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			13 53N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			26 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 23S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 39N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A		NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4830	03	MARIANNA IS		14 02N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID			NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	5	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID			NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M			KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID			NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30		8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHAM BEN
NGASANG-BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID			NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK, MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID			NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID			NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for de-tailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WN Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

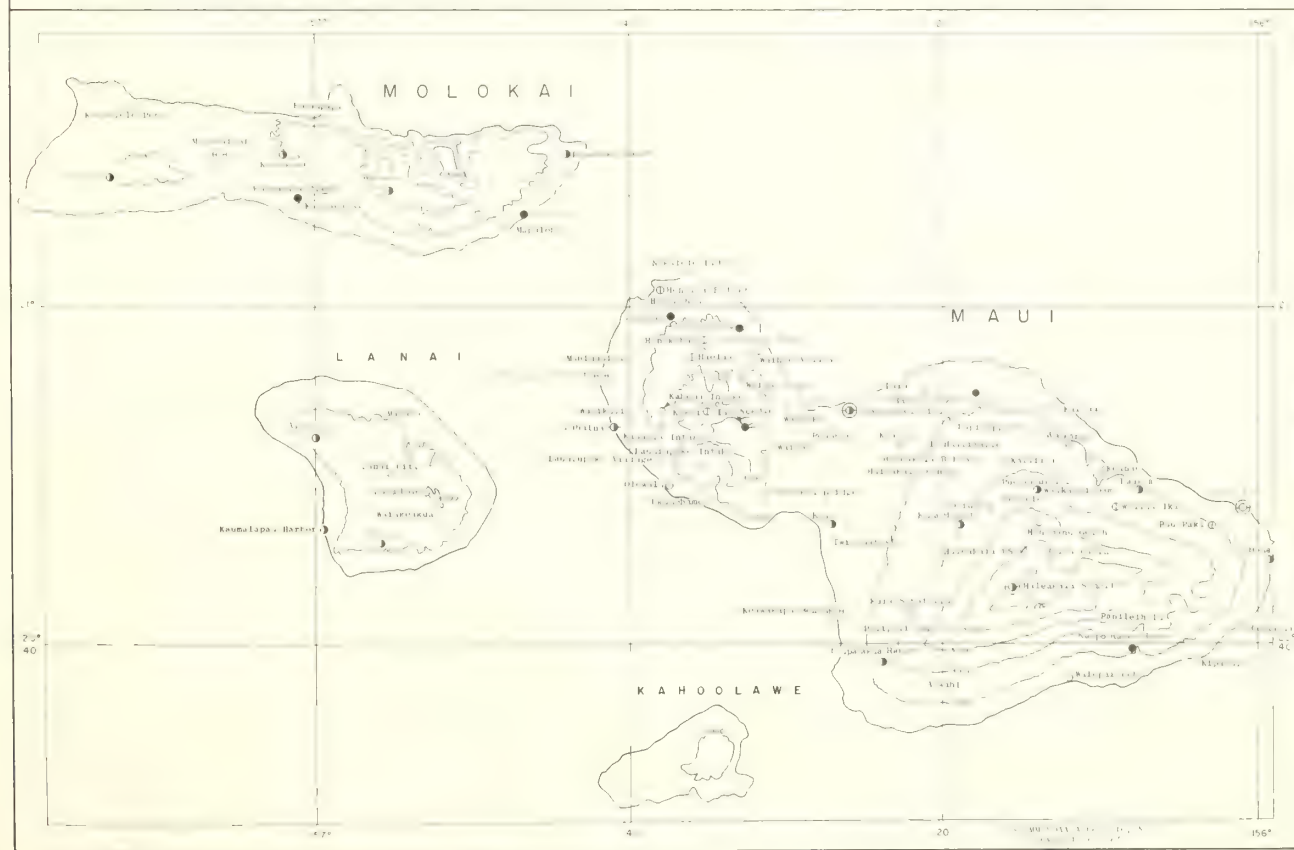
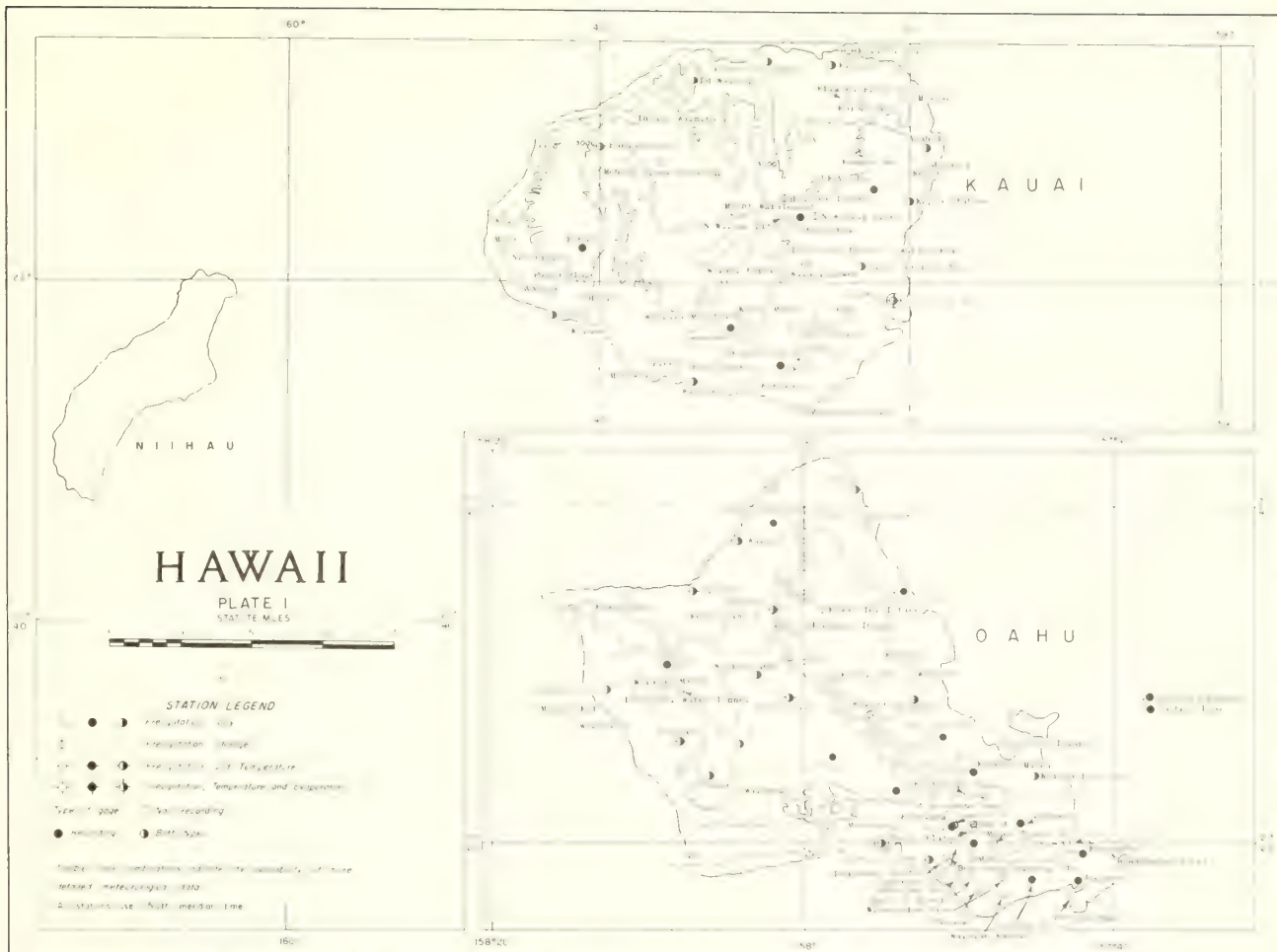
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

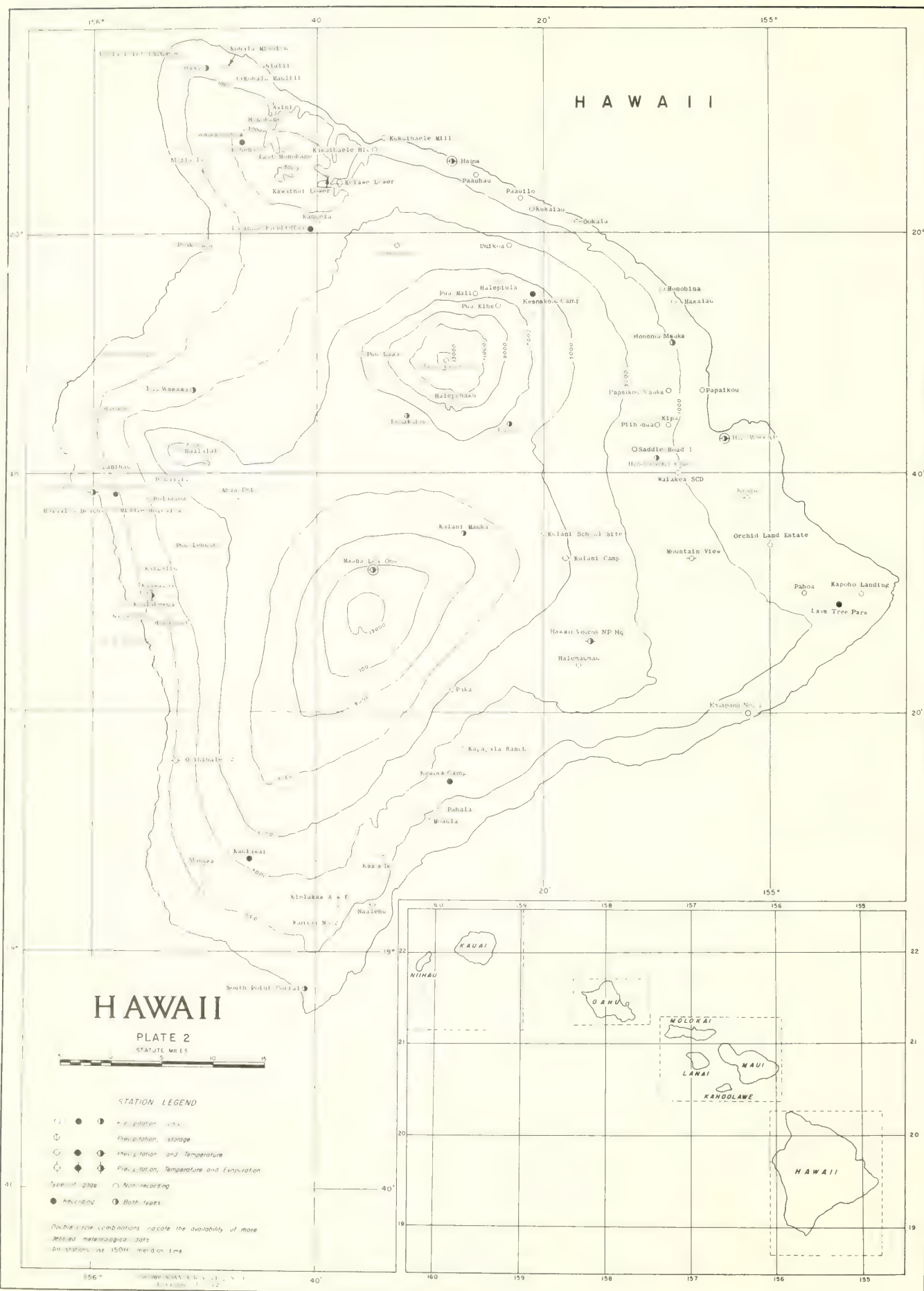
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

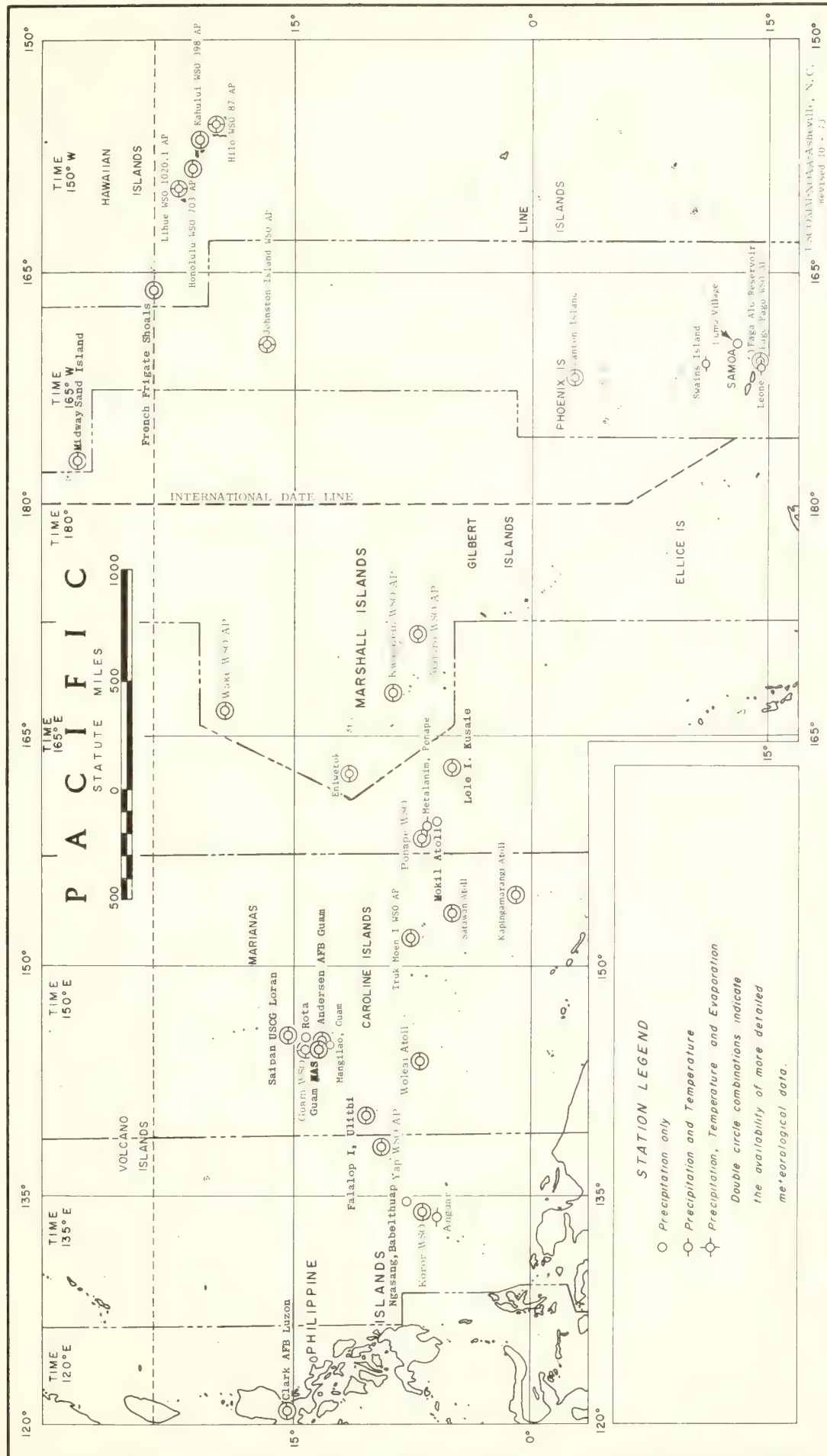
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

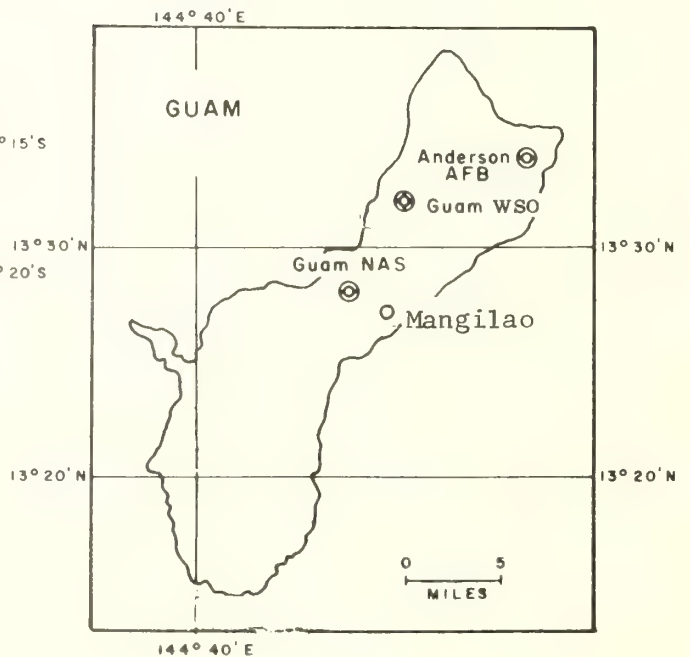
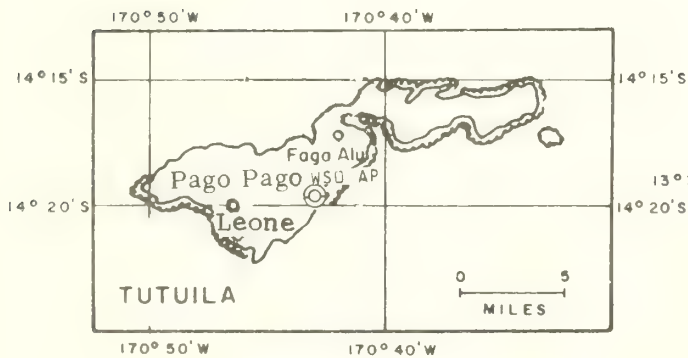
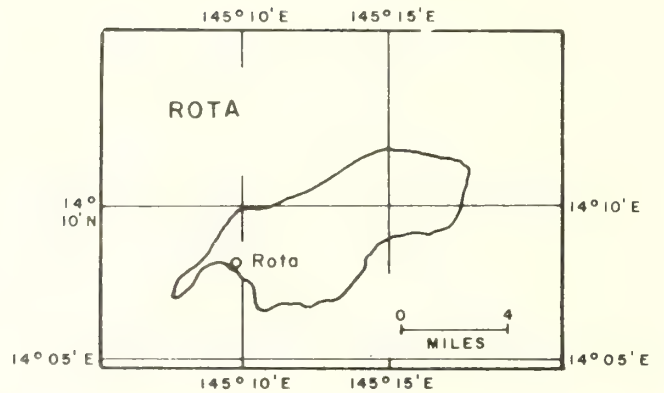
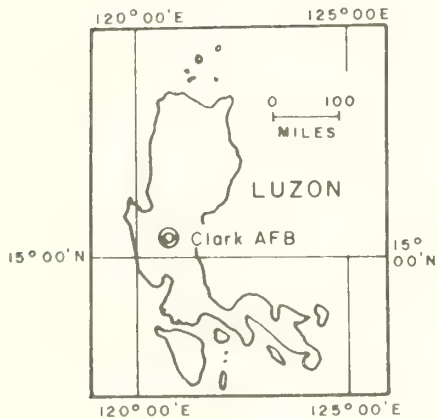
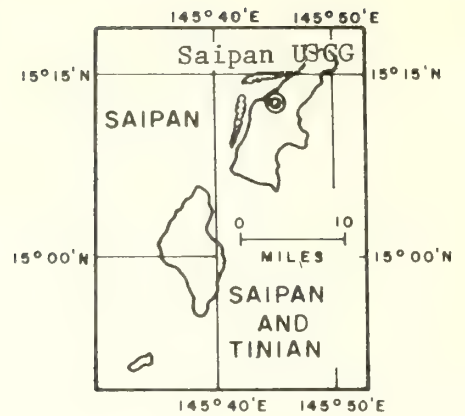
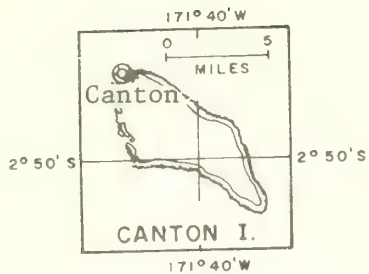
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Sub-station History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

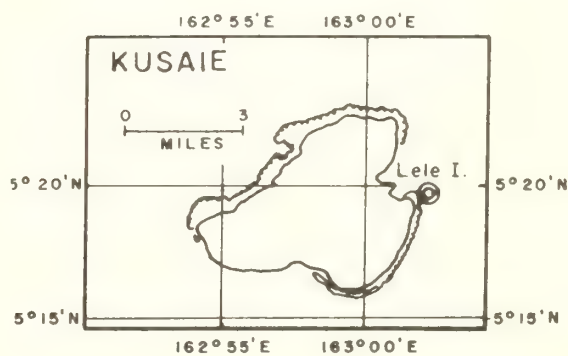
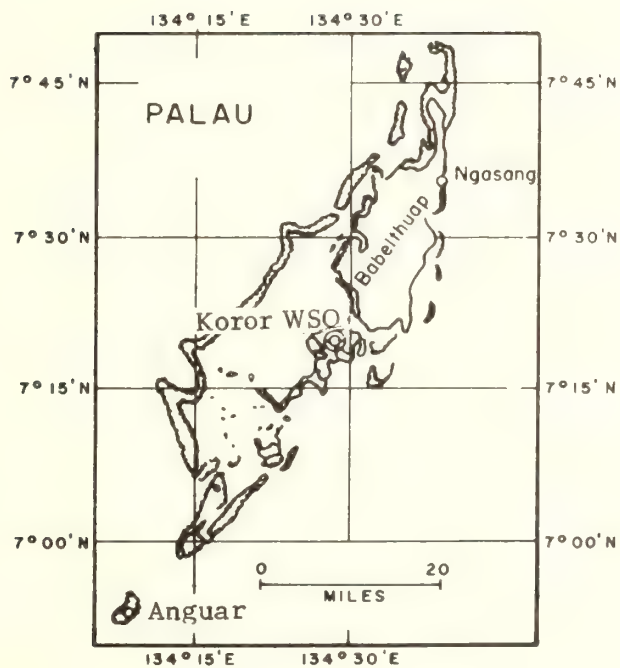
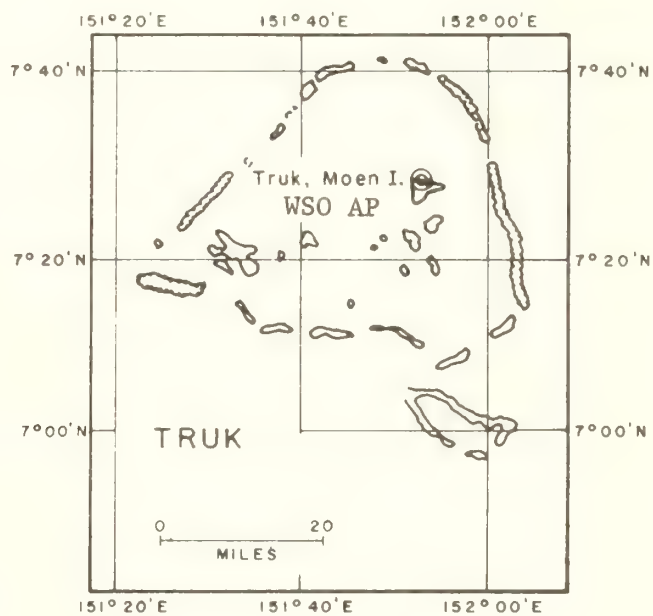
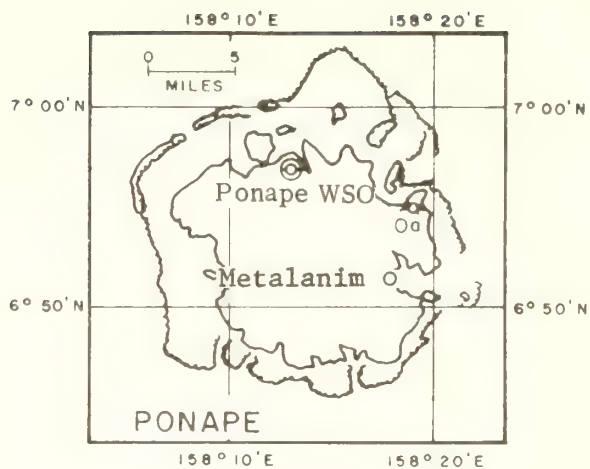
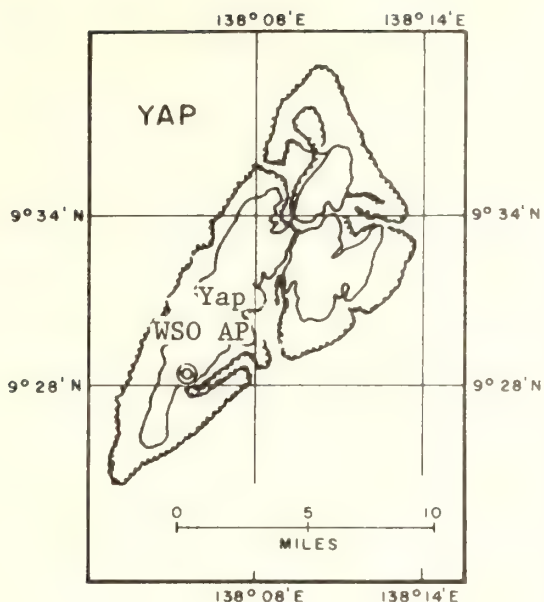




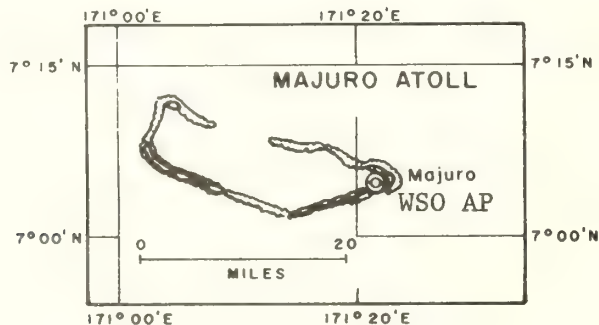
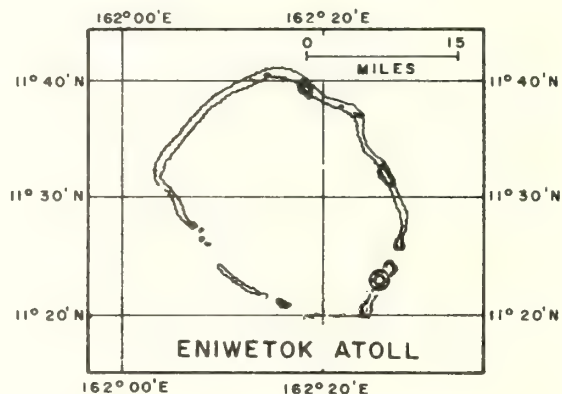
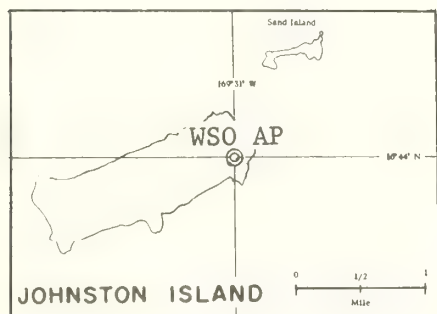
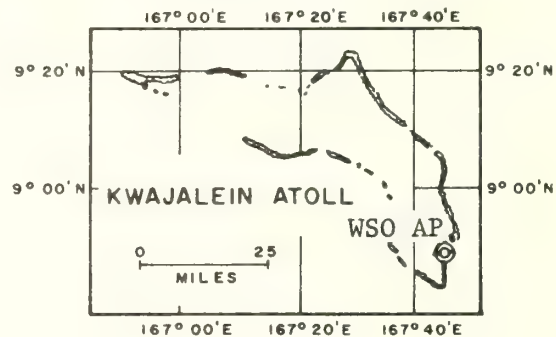
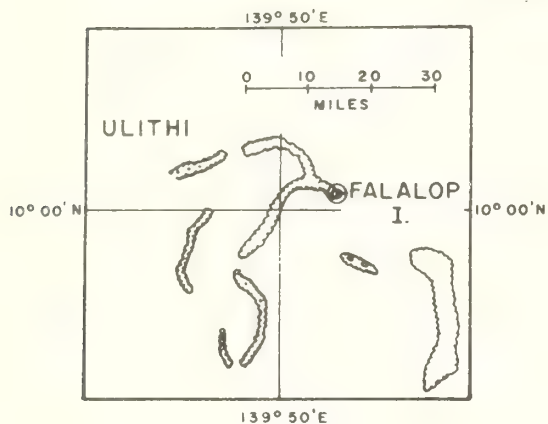
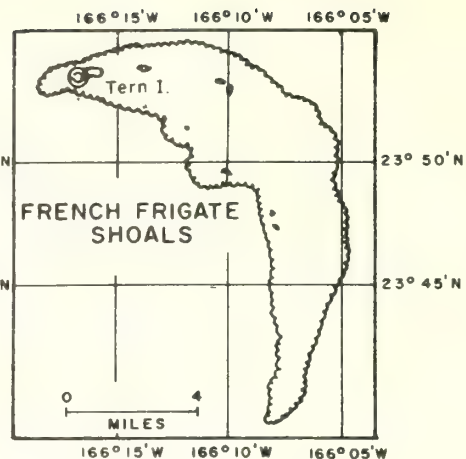
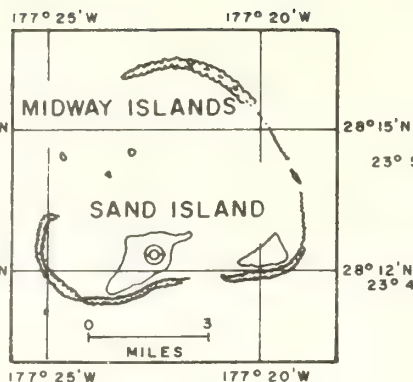
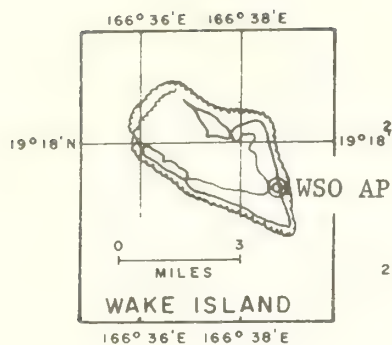




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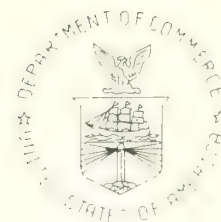


THIRD CLASS



Climatological Data

HAWAII AND PACIFIC



TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	KOLOA LN (MAK) 940.1	KAUAI	93	DATE	04
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	30	DATE	29
GREATEST TOTAL PRECIPITATION:	HONOMU MAUKA 138	HAWAII	21.24		
LEAST TOTAL PRECIPITATION:	7 STATIONS		.00		
GREATEST 1 DAY PRECIPITATION:	HONOMU MAUKA 138	HAWAII	7.88	DATE	22

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION										PERCENT OF POSSIBLE SUNSHINE AVERAGE	SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL					
							GREENWICH CIVIL															
							12	18	00	06												
GUAM WSO AP	-	-	-	29	E	31	-	77	77	91	0	16	8	4	0	1	29	56	7.0			
HILO, HAWAII, WSO AP	19	0.6	6.3	19	SE	03	86	79	67	81	6	8	9	5	0	1	29	36	7.7			
HONOLULU, OAHU, WSO AP	6	8.0	10.3	29	NE	09	62	57	49	58	11	1	2	0	0	0	14	68	5.2			
JOHNSTON ISLAND WSO AP	8	16.1	16.9	34	E	27	80	81	74	80	8	10	5	1	0	0	24	71	6.1			
KAHULUI, MAUI, WSO AP	5	9.6	11.5	31	E	25	77	74	56	70	5	4	3	0	0	0	12	68	5.0			
KOROR WSO AP	7	4.2	6.7	24	SE	22	90	-	81	79	5	9	7	6	2	1	30	47	8.6			
KWAJALEIN WSO AP	8	10.7	11.6	32++	7	12	84	84	78	80	6	4	7	7	3	0	27	-	8.9			
LIHUE, KAUAI, WSO AP	5	7.5	10.5	22	E	14	82	79	68	79	7	7	5	2	0	0	21	65	5.6			
MAJURO WSO AP	8	7.6	9.2	30	E	18	82	83	76	81	0	9	18	0	0	1	28	48	8.6			
PAGO PAGO WSO AP	9	10.6	12.2	26	E	07+	85	82	73	82	5	13	3	2	1	0	24	54	6.6			
PONAPE WSO AP	-	-	-	17	NE	23+	92	-	79	80	1	6	13	5	4	1	30	42	8.1			
TRUK,MOEN I. WSO AP	8	4.7	8.1	41	NE	27	86	-	79	79	4	8	8	3	3	2	28	48	9.5			
WAKE WSO AP	9	14.1	14.8	27	E	13	84	84	69	77	5	15	3	0	0	0	23	81	3.5			
YAP WSO AP	8	6.5	7.6	18	E	14	88	-	77	75	4	12	9	0	0	0	25	71	7.3			

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell

DIRECTOR

NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1976

STATION		TEMPERATURE										PRECIPITATION												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET		NO. OF DAYS			
											32° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	-1.0 OR MORE	-5.0 OR MORE	1.00 OR MORE
HAWAII																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A													2.06		.45	7							
KANALOHU JUL 1075		69.7	51.9	60.8		76	16	40	19					3.36		1.30	4				7	2	0	0
KAPAA STABLES 1104	A													2.75										
KILAUEA POINT 1133		83.1	72.1	77.6		87	6+	69	31+					1.95		.67	14				6	1	0	0
KOLOA 936	A													4.51		1.66	15							1
LIMBE WSO 1020.1 AP	/R	82.5	71.2	76.9	-.4	85	5+	66	1					2.40	- 1.44	.68	3				7	2	0	0
MANA 1026		88.3M	66.2M	77.3M	.6	91	23+	62	21+	5	0	0	0	.14	- 1.67	.10	19				1	0	0	0
N WALUA DITCH 1051	A													11.17										
PM WAINIMA 1115														5.13	- 3.80	1.35	15							1
PUEHU RIDGE 1040														.12	- 2.65	.12	7				1	0	0	
WAHIWA 930	A													.63	- 2.28									0
WAIHAI LOWER 1014		81.2	62.9	72.1		87	5	59	7+					8.11	- 1.06	1.29	15				17	7	1	0
WAIKOA 947														.16	- 1.68	.12	6				1	0	0	0
ISLAND				72.9										3.27										
ISLAND OF OAHU																								
A OHA STADIUM-HALAWA	M	M	M		90	6	65	18		1	0	0	0	.50										0
B T L LAIE 903.1		84.0	70.3	77.2		86	24+	64	3					2.54		.58	4				7	3	0	0
HONOLULU OBSERV 702.2														.20		.14	7							0
HONOLULU WSO 703 AP	R	87.0	71.2	79.1	.2	90	22	65	31	1	0	0	0	.45	- 1.06	.24	6				2	0	0	0
KANE OHE MAUKA 781		81.7	71.5	76.6	.7	86	7+	68	12					4.65	- 1.19	.96	12				7	5	0	0
KOOLAHA DAM 833	A													4.14		.82	6							0
MANOA LYON ARBORETUM		81.1	68.2	74.7		87	4	65	6					9.15		3.04	15				15	5	2	0
NUUANU RES 4 783														6.46		1.56	15				12	5	2	0
OPAEULA 870	A	85.8	65.7	75.8	3.5	98	7	61	19					2.46		1.30	5							1
PALOLO VALLEY 718	R													9.40	- 1.00	2.16	15				9	6	4	
WAHIWA DAM 863	A													2.12		1.28	5							1
WAIHOLE 837	A													8.10										0
WAIKALEE 896.3		82.6M	71.4M	77.0M		87	6+	68	20+					1.83		.94	13							0
WAIKALEA 847	A	83.9	64.8	74.4	-.9	89	23	59	19					1.48	-.79	.48	5				5	0	0	0
WAIKIKI 717.2		86.8	70.1	78.5		89	23+	65	17					.29		.18	7				1	0	0	0
WAIMANALO EXP FARM		82.8	70.1	76.5		89	3	65	6					6.55		2.86	6				9	2	2	0
WAIKAPU 750	A													.56										0
ISLAND				76.6										3.58										
ISLAND OF MOLOKAI																								
KUALAPUU 534	A													1.19		.35	7				4	0	0	0
MAUNALO 511	A													1.03		.34	1							0
MOLOKAI AP 524																								0
ISLAND														1.11										
ISLAND OF LANAI																								
LANAI CITY 672	A																							
ISLAND																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	M	63.5	43.0	53.3	- 1.7	69	12	36	20					3.90		1.72	7				8	2	1	0
HALEAKALA RS 338		82.6	68.8	75.7		86	10+	58	17					1.32	- 2.31	.66	7				4	1	0	0
HANA AIRPORT 355														3.67		.93	12				10	2	0	0
HONOKOHUA 493	A													1.41		.60	28							0
KANAPALI AP 453.1		83.2	68.1	75.7		87	4	62	19					.11		.06	15				0	0	0	0
KAHULUI WSO 398 AP	R	87.0	69.0	78.0	.7	91	4	63	21+	3	0	0	0	.71	-.37	.24	12				3	0	0	2
KAILUA 446						81	6	62	19					8.47	- 1.60	1.89	12							
KEANAE 346	A													15.60										
KIPAHULU 258														4.19	- 4.20	1.23	12				13	2	1	0
KULA SANATORIUM 267		73.9	58.9	66.4	.4	76	29+	55	29					3.16	1.25	2.26	1				4	1	1	0
LAHAINA 361		86.8	68.0	77.4	.4	90	4+	65	31+	2	0	0	0	.06	-.84	.04	7							0
PAIA 406														1.45	-.74	.35	12				7	0	0	0
WAIKIKU 466	A					88	4	67	8					.85	- 1.01	.36	7				2	0	0	0
ISLAND				71.1										3.45										
ISLAND OF HAWAII																								
HAWAII VOLCNS NP HQ 54	R	70.7M	53.1M	61.9M	-.5	80	9	47	3					6.84	-.05	3.23	22				11	3	1	0
HILO WSO 87 AP	A	83.5	68.8	76.2	1.2	91	2	63	18	1	0	0	0	11.35	.39	5.67	21				15	6	1	0
HUENUE 92.1														2.27		1.02	2				4	2	1	0
KAHALU 113.2		79.9	61.5	70.7		83	23+	58	18					3.89	- 1.47	1.04	7							1
KEAAU 92		81.8	66.5	74.2		90	3	62	3	1	0	0	0	11.20		5.32	22				18	4	1	0
KEALAEKUA 2 28.7																								

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1976

STATION		TEMPERATURE											PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	50 OR MORE	100 OR MORE
											90° OR ABOVE	80° OR ABOVE	70° OR ABOVE	60° OR ABOVE										
HAWAII																								
KONA (KAILUA) 68.3	A	M	M	M		88	11+	69	18		0	0	0	0	.00		.00		.0	0		0	0	0
KUKUIHAELE HIC 199											0	0	0	0	6.49	.91	1.63	16	.0	0		9	5	2
KULANI CAMP 79		64.8	50.5	57.7		74	1	39	30		0	0	0	0	5.13		1.86	22	.0	0		13	2	1
PAHALA 21	A	M	M	M		88	12	59	19		0	0	0	0	4.56		3.14	22	.0	0		5	2	1
POHAKULOA 107	A																		.0	0				
PUU WAHAA 94.1	A														1.64		1.30	6	.0	0		1	1	
SOUTH KONA 2.31																			.0	0				
UMIKOA 118																			.0	0				
WAIKAE SCD 88.2															11.53		3.00	22	.0	0		19	6	3
ISLAND				68.1											5.90				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
											MAX.	MIN.	TOTAL	GREATEST DAY					DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	-10 OR MORE	-50 OR MORE	1-00 OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

$$\begin{aligned} \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 u}{dt^2} \right) &= \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 u}{dt^2} \right) = \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 u}{dt^2} \right) \\ &= \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 u}{dt^2} \right) = \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 u}{dt^2} \right) \end{aligned}$$
SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
OCTOBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	72 45	70 50	72 51	73 56	71 52	66 53	67 53	61 56	67 56	71 48	72 50	69 56	70 58	63 59	69 59	76 56	71 49	67 44	70 40	68 43	70 46	73 47	74 55	70 53	70 50	70 55	69 54	69 59	71 56	69 51	71 49	69.7 51.9
KILAUEA POINT 1133	MAX MIN	84 72	84 74	87 72	85 72	84 72	87 72	84 72	84 70	83 74	83 73	85 72	85 72	83 74	83 70	75 71	78 72	83 72	83 72	83 73	84 72	80 73	83 73	84 75	81 73	82 71	83 69	83 70	84 72	84 72	82 69	83.1 72.1	
KOLOA LN (MAKI) 940.1	MAX MIN	89 69	92 71	90 73	93 70	89 70	92 72	84 71	84 71	85 74	87 69	86 72	86 74	85 72	79 71	83 65	86 67	85 71	88 70	80 74	88 71	87 74	87 73	88 73	84 74	85 73	84 72	85 69	85 72	85 70	85 66	86.4 71.4	
LIHUE WSO 1020.1 AP	MAX MIN	84 66	85 69	83 69	84 69	85 68	83 69	81 71	81 71	82 74	83 69	83 72	83 74	76 72	81 71	80 70	81 68	83 69	83 69	83 72	83 73	82 70	83 77	82 74	83 76	83 72	82 72	82 70	83 75	83 73	83 70	82.5 71.2	
MANA 1026	MAX MIN	89 64	89 70	90 68	90 69	91 69	89 70	87 64	88 66	85 68	89 65	87 65	85 65	89 65	89 71	87 65	89 67	89 67	86 62	86 62	87 62	89 65	91 69	90 68	89 65	89 65	88 65	87 65	88 65	86 67	87 64	88.3 66.2	
NIU RIDGE 1035	MAX MIN	85 62	86 64	84 61	90 68	89 64	87 62	86 62	87 62		87 62	87 62	87 62	88 62	88 64	88 67			87 62	84 60	84 60		86 60	90 60	88 60	84 62	88 62	85 62	85 65	84 62	85 62	86.5 63.1	
WAIKAI LOWER 1054	MAX MIN	84 59	85 60	82 61	84 63	87 62	86 62	81 59	81 60	78 66	80 61	80 66	81 64	82 64	78 64	78 62	77 60	81 60	81 62	81 64	81 64	81 62	82 66	82 66	80 64	80 65	80 65	81 66	81 64	81 65	80 62	81.2 62.9	
ISLAND OF OAHU																																	
ALOHA STADIUM HALAWA	MAX MIN	85 74			86 72	87 68	90 68	86 70	87 70				86 68	82 72	83 73	80 70			83 65	84 68	84 68	86 68	86 71			88 68	83 73	85 70	84 71	84 70			
B Y U LAIE 903.1	MAX MIN	85 68	85 65	85 64	86 67	84 68	85 67	85 68	82 75	83 73	84 72	85 74	84 70	82 70	83 72	79 71	83 68	83 66	84 73	84 68	84 75	85 68	85 69	85 70	86 74	85 74	83 73	84 73	84 70	84 71	84 72	84 73	84.0 70.3
EWA PLANTATION 741	MAX MIN	89 69			87 66	87 68	87 67	87 67	85 66				88 67	88 69	87 70	84 69			88 64	88 63	87 62	86 65	89 56			89 68	88 69	87 69	87 69	86 65			
HONOLULU WSO 703 AP	MAX MIN	86 71	86 70	86 71	86 72	86 68	87 70	86 69	87 75	87 75	88 70	87 72	88 73	84 74	86 73	86 71	87 67	88 58	88 67	86 73	89 69	90 72	89 72	87 76	87 73	88 73	87 72	87 74	86 71	87 71	87 65	87.0 71.2	
HONOLULU SUBSTA 704	MAX MIN	84 73	83 71	82 72	83 71	83 71	83 72	81 73	81 74	81 74	82 74	81 72	83 71	81 72	80 71	81 72	83 72	81 71	83 72	85 72	85 73	85 73	83 75	84 74	82 74	82 73	83 73	82 73	82 73	82 73	81 72	81 72	82.3 72.3
KANEOME MAUKA 781	MAX MIN	85 70	85 70	85 70	86 73	84 71	85 72	86 72	83 71	81 72	80 71	82 72	80 68	79 70	80 72	79 71	75 70	83 71	83 71	81 70	81 71	82 72	81 73	82 73	81 73	80 73	80 73	80 72	81 72	81 73	81 72	81 72	81.7 71.5
MANDA LYON ARBORETUM	MAX MIN	86 67	86 67	85 67	87 66	80 66	82 65	84 66	80 69	80 71	82 71	77 67	77 69	75 68	76 69	81 67	80 67	82 67	82 68	84 68	84 69	84 71	82 71	82 71	80 69	78 69	80 68	80 67	80 68	80 69	82 70	82 68	81.1 68.2
OPAEULA 870	MAX MIN	85 66	82 67	82 65	86 67	86 66	86 67	88 66	86 65	86 66	86 67	86 66	86 66	86 66	86 66	86 66	86 66	86 62	86 61	86 63	86 67	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	86 66	85.8 65.7	
WAIKALEE 896.3	MAX MIN	85 70	83 70	86 70	87 73	86 71	87 75	86 72	82 73	83 74	83 74	84 73	82 70	81 71	79 70	79 69	82 70	81 68	82 70	82 68	83 73	83 74	82 74	82 74	81 72	81 72	81 72	81 72	80 72	81 72	81 72	82.6 71.4	
WAIKALUA 847	MAX MIN	85 66	84 66	84 65	84 67	85 66	85 66	85 65	82 62	83 63	83 68	85 68	83 66	81 69	83 66	80 67	83 66	85 64	85 59	85 61	85 61	87 62	89 67	86 68	83 66	82 63	83 64	83 65	85 61	83 62	85 62	83.9 64.8	
WAIKIKI 717.2	MAX MIN	89 69	89 68	88 68	89 69	89 67	89 66	86 66	85 66	86 66	87 67	85 72	85 70	86 73	85 72	85 70	86 69	86 68	85 66	87 67	87 67	87 69	87 71	89 74	87 72	86 74	86 72	88 74	86 71	86 71	86 70	86.8 70.1	
WAIMANALO EXP FARM	MAX MIN	87 68	85 66	89 68	84 71	80 67	84 65	83 66	83 69	83 72	83 74	84 74	82 69	81 69	82 70	81 71	77 69	83 69	83 67	83 69	82 70	82 72	83 73	83 74	83 73	82 73	82 73	81 69	82 72	83 73	83 68	82.8 70.1	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN																																
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN																																
ISLAND OF MAUI																																	
HALEKALA RS 338	MAX MIN	63 42	61 41	64 42	65 42	64 45	62 47	63 39	64 42	61 45	63 46	63 46	69 47	59 47	62 46	62 44	64 43	64 42	65 41	65 37	60 36	60 38	63 48	68 51	62 49	67 44	66 43	64 39	62 38	62 39	64 40	65 45	63.5 43.0
HANA AIRPORT 355	MAX MIN	83 70	85 61	84 60	86 72	85 71	85 66	85 70	81 66	84 73	86 72	83 69	83 69	80 69	83 70	82 70	80 69	81 58	80 65	83 66	83 72	82 70	82 73	84 74	79 59	84 72	82 73	84 73	82 70	83 70	82 70	82.6 68.8	
KAAHPALI AP 453.1	MAX MIN	82 70	83 70	83 66	87 67	83 67	82 69	84 70	82 69	84 72	83 68	84 68	84 69	82 68	83 71	83 69	80 67	84 64	83 63	84 62	84 67	84 68	84 69	84 72	84 73	82 70	84 73	83 70	80 65	84 66	83 66	83.2 68.1	
KAHULUI WSO 398 AP	MAX MIN	87 69	90 69	89 66	91 68	88 68	87 67	85 70	86 74	86 74	88 73	88 73	87 72	87 73	86 72	80 68	84 68	88 63	88 63	89 63	89 63	90 70	86 74	86 74	89 73	85 73	83 68	88 65	88 65	88 65	87 66	87.0 69.0	
KAILUA 446	MAX MIN	79 66			79 65	79 65	81 66	80 67	75 63		79 65	78 66	78 66	78 65	78 65	78 65	80 65	84 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	87 65	86.1 65.9	
KEAWAKAPU BEACH 260.2	MAX MIN	86 70	87 70	86 68	89 69	90 69	86 69	86 71	87 63	87 64	87 64	88 65	86 65	82 68	87 68	86 65	84 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	87 61	86.1 65.9	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
OCTOBER 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
MAUNA SANATORIUM 267	MAX MIN	72 61	72 59	74 60	75 61	73 60	72 60	76 61	74 56	76 57	72 60	76 57	74 58	69 60	73 59	75 59	72 60	70 57	74 56	74 57	73 60	74 61	75 62	76 61	75 57	75 59	76 60	75 58	73 58	76 55	75 56	74 60	73.9 58.9	
LAHAINA 361	MAX MIN	87 72	87 70	90 58	90 71	86 68	87 74	87 72	87 65	87 66	86 67	86 70	85 66	87 69	86 69	84 71	86 69	87 67	87 66	87 65	85 67	87 67	88 70	87 69	86 66	87 66	88 66	87 68	86 66	88 65	86 67	85 65	86.8 68.0	
KAILUA 386	MAX MIN	85 71			88 69	84 69	84 70	85 70	80 67				81 72	82 70	84 73	81 73	80 70			77 68	82 71	83 72	85 74	86 71			83 71	85 72	83 72	79 70	84 71			
• • •																																		
ISLAND OF HAWAII																																		
HAWAII VOLCANO NP HQ 54	MAX MIN	76 53	78 51		76 55	72 52	72 52	71 51	67 51	80 56	72 56	66 52	73 55	66 52	70 54	70 54	68 55	70 55	68 49	70 52	71 50	70 57	72 59	71 55	69 51	69 51	71 54	69 50	71 53	69 56	65 54	70.7 53.1		
HILLO WSO 87 AP	MAX MIN	88 69	91 58	88 65	87 69	88 69	87 68	78 71	82 70	84 71	80 71	85 69	83 66	83 66	83 67	79 71	83 63	84 63	85 67	84 69	85 71	79 68	85 71	81 68	82 66	84 69	81 68	83 69	83 68	79 67	83 70	83.5 68.8		
KAINALIHI 73.0	MAX MIN	83 62	81 60	78 60	82 63	80 62	80 61	80 64	80 64	77 64	79 61	80 65	78 62	80 63	81 62	79 62	81 58	80 60	77 58	79 60	80 60	79 61	81 64	83 65	80 62	80 59	79 60	80 61	80 61	82 59	79 60	79 62	79.9 61.5	
KAMUELA 192.2	MAX MIN	81 60			82 55	79 56	78 55	81 56	70 59			72 60	72 59	74 61	73 61	72 61				80 57	74 60	74 59	74 61	78 63			74 59	73 61	72 51	72 52	72 61			
KEARU 92	MAX MIN	86 68	87 66	90 62	86 63	84 67	86 68	87 67	76 69	80 69	79 69	78 68	82 68	82 66	81 68	82 67	78 68	78 64	82 63	83 65	80 68	81 69	79 66	82 66	80 64	81 64	81 66	81 67	81 65	81 65	79 68	81.8 66.5		
KEELAKEKUA 2 28.7	MAX MIN																																	
KOHAHA MISSION 175.1	MAX MIN	85 58	85 58	84 68	84 65	82 67	84 67	85 68	77 67	80 69	77 68	80 68	80 67	78 68	78 68	80 68	79 68	79 66	80 67	79 66	80 67	80 67	81 70	79 71	81 71	79 68	80 68	79 66	77 66	80 65	79 68	79 67	80.3 67.6	
KONA (KAILUA) 68.3	MAX MIN	86 71			88 71	87 71	88 71	85 72				88 71	85 71	86 71	85 71				86 69	86 70	85 70	84 70	86 72				87 70	84 72	86 70	84 71				
KULANI CAMP 79	MAX MIN	74 49	69 55	71 45	70 55	67 58	69 47	69 51	69 52	58 50	65 53	60 52	61 49	60 51	62 50	63 49	67 50	62 53	63 50	63 48	64 55	63 54	63 41	66 53	68 54	64 41	67 43	64 55	61 51	62 47	64 46	62 39	62 51	64.8 50.5
MAUNALOHA SLOPE OBS	MAX MIN	54 38	53 39	50 37	53 36	52 37	53 38	51 37	49 34	54 37	55 39	56 38	52 38	49 37	55 39	56 41	51 40	50 35	54 33	55 36	52 34	49 38	49 37	46 36	56 38	58 40	56 39	52 36	50 35	48 30	49 35	50 34	52.2 36.8	
MOUNTAIN VIEW 91	MAX MIN	83 63	82 61	86 59	86 59	80 62	81 63	84 62	72 64	74 63	74 63	79 63	75 61	78 62	76 61	81 62	72 59	72 59	78 61	81 63	76 63	75 65	75 63	79 60	79 60	76 62	77 63	75 62	79 60	78 60	77 63	77.9 61.6		
NAALEHU 14	MAX MIN	90 69			89 67	84 68	84 68	85 69	84 62			89 64	85 69	84 68	84 68	84 69				85 64	84 67	84 69	84 69	85 69			83 68	83 70	82 69	78 69	82 68			
OOKALA 223	MAX MIN	78 68	82 58	79 69	77 69	76 65	77 64	78 64	67 64	73 64	77 69	77 68	82 68	81 68	81 68	80 69	80 68	75 62	77 64	77 60	76 51	77 61	81 69	79 63	80 69	80 69	82 67	80 68	80 68	81 68	80 68	79 68	78.4 66.0	
OPIHIHALE 2 24.1	MAX MIN	84 59	78 59	82 60	84 60	82 61	82 60	79 60	82 62	80 60	83 60	80 60	83 60	84 61	81 60	83 60	80 60	80 57	82 58	80 57	83 59	84 59	82 64	83 61	79 56	82 56	82 58	82 58	83 59	82 59	81 59	81 59	81.7 59.4	
PAHALA 21	MAX MIN	86 66			86 61	80 64	84 63	84 65	83 65			87 62	88 65	81 62	85 63	84 62				78 60	83 59	82 62	81 64	84 66			82 61	82 58	82 65	79 62	81 62			
SOUTH KONA 2-31	MAX MIN																																	
UPOLU POINT USCG 159.2	MAX MIN	88 73	86 72	86 72	88 71	88 72	87 72	86 71	84 70	85 70	85 70	85 71	85 70	82 72	83 71	83 70	82 69	84 70	83 70	84 70	84 69	83 70	85 70	84 72	78 73	84 70	82 70	84 67	81 68	85 69	84 69	84 70	84.3 70.4	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
OCTOBER
1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	89 79	89 80		90 80	90 80	90 81	90 79	90 74	90 76	90 78	90 77	89 77	90 80	90 81	90 81	89 79	89 79	88 76	88 79	89 79	90 79				89 77	89 79	92 78	89 79	87 80			89.4 78.4
JOHNSTON WSO AP	MAX MIN	85 78	85 76	85 78	85 75	85 77	84 76	85 76	84 72	84 76	84 77	85 76	85 77	84 74	85 79	85 79	84 78	85 78	84 77	84 75	85 78	83 74	81 72	81 77	83 78	83 74	83 76	83 74	83 75	82 76	83 77	83.9 76.2	
LEONE	MAX MIN	87 81	89 80	90 83	91 81	90 77	82 75	88 81	87 77	86 80	87 83	87 79	87 81	90 83	90 82	91 81	87 78	86 79	87 80	87 76	93 83	92 81	90 80	90 84	89 83	89 83	90 83	89 82	91 81	93 81	94 86	89.0 80.8	
FRENCH FRIGATE SHOALS	MAX MIN	86 75	88 73	86 74	88 74	87 75	89 73	85 74	85 72	82 73	84 74	86 72	84 75	87 72	87 72	85 72	77 72	81 72	77 71	78 71	79 71	76 71	78 71	85 75	84 74	85 75	85 74	85 75	85 73	84 75	82 74	87 73	83.8 73.1
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	85 71	86 70	85 78	85 75	87 75	79 75	85 76	83 75	83 73	85 76	84 75	84 75	85 76	85 73	86 79	86 78	84 79	85 77	85 75	87 75	86 74	87 73	88 80	87 80	87 77	88 76	88 75	88 75	89 75	89 75	85.7 75.9	
SWAIN ISLAND	MAX MIN	89 71	83 67	89 71	89 71	89 70	90 70	90 71	91 72	91 72	87 70	90 70	90 72	90 70	88 71	89 71	88 72	88 71	90 72	90 82	91 72	87 70	88 71	92 72	90 73	90 72	90 72	91 71	91 72	82 66	89 70	89.2 71.3	
WESTERN PACIFIC ISL. NORTH OF 12° N																																	
ANDERSEN AFB GUAM	MAX MIN	83 77	83 77	83 78	84 78	83 78	83 77	84 78	84 78	83 77	83 77	82 77	85 79	84 79	84 79	83 77	82 76	83 78	83 75	84 78	84 74	82 73	83 77	83 78	82 77	82 78	83 77	84 76	85 78	85 78	83 75	83.3 77.1	
CLARK AFB LUZON	MAX MIN																																
GUAM NAS	MAX MIN	89 79	89 79	87 80	90 79	89 79	87 79	89 79	88 78	88 78	88 79	88 78	88 79	88 80	89 79	89 80	87 79	87 78	87 79	88 79	87 79	88 77	90 75	88 77	87 78	88 78	87 79	88 78	88 78	86 77	85 76	88.0 78.5	
GUAM WSO	MAX MIN	87 75	86 74	86 75	87 73	87 71	87 70	88 73	87 76	86 75	86 73	86 72	86 74	86 76	86 75	86 76	86 73	86 71	86 74	87 71	86 72	87 74	85 70	86 71	86 73	86 72	86 70	86 65	87 70	86 71	84 71	86.5 72.4	
SAIPAN USCG	MAX MIN	88 75	88 79	88 77	89 73	89 74	88 74	89 78	89 77	88 78	88 79	88 76	88 78	88 77	89 78	89 78	89 77	89 76	89 75	89 75	89 76	89 77	90 79	90 74	90 73	90 73	90 74	90 77	90 71	90 72	90 73	90.0 75.6	
WAKE WSO AP	MAX MIN	87 76	88 74	90 77	89 76	88 78	89 78	88 79	88 79	88 76	88 79	88 76	88 79	89 78	89 77	89 76	89 77	88 74	88 76	88 77	87 76	88 77	85 75	88 75	88 76	88 75	88 77	88 76	88 77	88 76	89 75	88.3 76.7	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	87 82	87 77	88 83	88 78	85 81	87 78	88 82	88 76	88 82	88 78	88 81	88 79	87 83	86 78	85 82	86 78	86 83	86 76	86 82	86 78	86 81	86 76	87 82	87 76	87 80	87 82	86 76	86 80	86 81	86 82	86.6 79.8	
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN	89 79	89 79	89 73	89 78	89 78	85 75	86 75	88 74	89 78	90 78	89 77	90 78	89 77	90 76	89 75	90 76	89 76	89 76	89 72	89 70	89 76	89 75	90 74	87 73		87 75	87 74	85 74	85 74	86 72	85 72	88.0 75.3
KOROR WSO	MAX MIN	88 75	89 76	89 76	88 76	90 77	89 77	89 76	89 76	89 77	87 76	89 77	89 77	89 77	84 74	86 75	89 75	89 76	88 78	87 76	89 77	89 77	89 78	89 77	89 77	89 76	89 75	90 76	89 75	91 76	91 75	90 75	88.6 76.2
KWAJALEIN MISSILE RGN	MAX MIN	86 77	83 76	86 78	88 79	87 80	87 76	87 75	86 75	87 79	86 77	87 75	87 75	86 75	87 80	86 75	87 79	87 80	87 76	87 73	87 77	86 74	85 74	86 73	84 74	81 75	84 76	86 78	86 79	86 77	87 80	87 77	85.9 77.1
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	86 77	85 74	88 76	86 75	88 80	87 75	87 80	88 75	87 76	88 77	87 74	87 76	87 76	86 77	87 80	86 76	86 75	86 76	86 75	88 79	87 77	88 73	87 73	82 73	84 75	85 76	88 78	81 74	87 77	87 78	85 76	86.2 76.5
METALANIH	MAX MIN	89 85	87 85	88 81	89 83	90 82	89 80	88 81	86 80	88 81	87 83	89 82	87 81	88 82	86 78	86 76	89 79	89 77	89 79	88 79	87 72	89 79	88 80	88 79	88 81	88 82	87 80	87 78	87 79	87 80	89 78	89 78	87.7 80.0
PONAPE WSO	MAX MIN	86 72	90 72	89 72	90 72	90 72	92 73	91 74	89 74	91 73	91 74	91 75	88 75	90 76	82 74	90 77	80 75	80 74	83 76	83 74	88 73	89 74	86 74	83 75	88 72	88 72	89 74	86 73	89 73	88 73	90 72	87 75	88.1 73.7
SATAWAN ATOLL	MAX MIN																																
TRUK, MOEN I. WSO AP	MAX MIN	88 72	88 75	88 78	87 79	89 77	88 76	86 75	89 76	88 76	88 77	89 79	85 74	83 76	87 80	88 80	89 76	88 77	89 76	88 76	87 80	89 80	86 76	80 74	87 74	90 77	90 75	83 77	84 75	85 75	87 73	86 73	87.0 76.3
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	87 74	87 75	87 75	87 74	88 72	88 72	88 74	89 73	88 74	88 75	88 74	88 75	88 76	89 76	88 75	88 74	88 75	88 74	88 77	89 76	88 77	88 76	89 72	88 74	88 73	88 75	87 76	88 72	88 74	89 75	87 72	87.9 74.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
OCTOBER 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020 1 AP	EVAP	.26	.22	.23	.08	.27	.18	.12	.35	.31	.34	.30	.33	.31	.17	.12	.22	.16	.25	.26	.28	.27	.37	.30	.20	.30	.36	.30	.31	.38	.32	.32	8.19
	WIND	95	84	75	78	78	72	66	180	235	235	180	178	202	180	224	115	84	105	107	129	114	124	120	201	237	225	195	169	157	183	156	4584
	MAX	90	90	86	81	91	91	85	85	84	84	86	86	86	86	85	85	88	89	88	89	90	89	90	86	86	80	86	86	87	87	87	86.6
	MIN	65	65	67	67	66	67	64	67	69	66	66	70	70	71	65	67	67	67	67	67	70	67	67	69	68	70	72	68	68	68	68	67.6
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.44	.45	.31	.42	.30	.30	.29	.28	.32	.30	.45	.30	.15	.31	.19	.22	.30	.30	.30	.36	.30	.34	.31	.32	.45	.30	.38	.30	.32	.24	.34	9.89
	WIND	31	26	24	23	22	28	33	29	43	38	28	32	33	32	31	24	28	25	28	34	31	36	22	52	41	46	35	33	35	27	28	978
	MAX	98	99	98	100	94	97	84	86	92	92	92	91	86	89	84	88	90	91	91	93	91	93	92	88	87	89	91	89	89	88	89	91.0
	MIN	71	71	72	70	70	70	67	67	65	67	67	67	66	70	70	70	67	66	65	65	68	68	71	68	68	69	69	70	67	66	66	68.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
OCTOBER 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC																																	
• • • EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.33	.29	.30	.21	.33	.25	.34	.32	.37	.33	.46	.35	.41	.30	.29	.27	.35	.35	.26	.21	.32	.23	.11	.25	.27	.31	.33	.46	.34	.46	.25	9.65
	WIND	111	107	95	93	108	131	169	191	222	198	243	244	235	165	249	173	198	217	174	165	182	228	241	344	244	210	258	221	229	252	262	6157
	MAX	92	92	92	85	90	90	88	86	88	87	85	85	85	83	90	90	87	87	82	86	89	84	77	76	85	86	85	85	85	83	84	86.1
	MIN	70	71	70	71	69	72	72	71	72	71	71	70	70	70	70	71	70	70	70	71	70	70	71	70	70	71	70	70	68	71	70	70.4
• • • WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.26	.22	.22	.25	.29	.22	.29	.18	.20	.28	.23	.30	.19	.21	.30	.24	.24	.17	.25	.21	.22	.12	.26	.22	.27	.28	.29	.21	.18	.22	.34	7.36
	WIND	112	117	129	104	70	66	80	113	139	92	102	141	149	156	158	119	67	102	108	140	134	112	73	103	69	71	71	57	107	173	3341	
	MAX	88	86	87	88	89	87	88	87	87	89	85	85	87	87	85	88	86	87	88	86	86	85	86	85	87	90	89	87	85	84	81	86.6
	MIN	70	69	69	69	70	68	69	70	71	68	68	70	70	71	70	69	68	69	69	70	69	67	68	68	69	68	67	65	67	68	70	68.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610					MCBRYDE SUGAR CO.
ANAO A 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A			LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	280					LIHUE PLANTATION CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALET TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILILULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALET	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	7A	7A			KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A			LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A			KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANALET	1	22 13	159 25	320		7A			NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANALET	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAYER
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150					KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	A02	A02			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A	5560	02	LIHUE	2	22 01	159 23	380		7A			LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAWALI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300					MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALET	1	22 12	159 34	101		6A			MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALET	1	22 13	159 29	295		9A			PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740					LIHUE PLANTATION CO LTD
WAIHAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A			MC BRYDE SUG CO LTD
WAIHAI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIHAI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAILAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320					DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A			DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565					J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170					BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI			WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220		VAR			H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A			NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		J	NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID			NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10					MRS. MILLIE ZAPATA U S AIR FORCE WAIHOLE WTR CO LTD KIULIMA HOTEL KAILUA FIRE STATION GRADEN HARGER BOARD OF WTR SUPPLY STATE HOSPITAL KAMEHAMEHA SCHOOLS WAIALUA SUGAR CO. INC.
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			
KAHANA 883	A 2462	01	KOOLAULOA	1	21 31	157 54	800		WI			
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 59	25					
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A			
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			
KANEHOE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A		WAIALUA SUGAR CO. INC. C & F OFFICER HEQG CLOSED 9/30/76 MILNOR LOM HAROLD ROBERTS CAPITAL INVESTMENT CO. NEAL ADAMS MRS. JOHN H. BEAUMONT LYON ARBORETUM BOARD OF WTR SUPPLY	
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P			
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 49	240					
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A			
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					EXP. STA. H.S.P.A. JOHN A ROXBURGH CHESTER T KAINUMA FEDERAL AVIATION ADM BOARD OF WTR SUPPLY BOARD OF WTR SUPPLY WAIALUA SUGAR CO. INC. D L GRUBB CC DEPT PKS RECREATION BOARD OF WTR SUPPLY
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			
NUUANU RESERVOIR #5	A 6933	02	HONOLULU	2	21 20	157 50	410		WI			
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A			
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY MRS DAVID DELAO NAT MEM CEMETERY JACK N. WHEELER SEA LIFE PARK BOARD OF WATER SUPPLY R. E. WHITE DEPT OF GEOSCIENCE W B RUTHERFORD WAIALUA SUGAR CO. INC.
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20					
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			
PUPUKA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900					
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40					
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A			
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A			WAIHOLE WTR CO LTD SPENCER TINKER WAIALEE LIVESK RES FARM WAIALUA SUGAR CO. INC. BEN MAYES MOUNTAIN VIEW DAIRY WAIHOLE WTR CO LTD WAIHOLE WTR CO LTD HONOLULU ZOO WAILUPE VALLEY SCHOOL
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A			
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40					
WAIAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM WAIMANALO EXP FARM WAIALUA SUGAR CO. INC. WAIHOLE WATER COMPANY BOARD OF WTR SUPPLY
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					
WAIMEA 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A			
WAIPIAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT MOLOKAI RANCH LTD MOLOKAI GENERAL HOSP. MOLOKAI RANCH, LTD. DEL MONTE CORPORATION MOLOKAI RANCH COMPANY ALOHA AIRLINES CLOSED 9/30/76 PUU O HOKU RANCH MOLOKAI RANCH COMPANY
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A			
MAUNALO A 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A			
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10					
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A			
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			LANAI COMPANY
WAIAKEAKUA 685	A 3021	01	LAHAINA	1	20 47	156 52	2000		WM			KOELE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					MAUI LAND-PINEAPPLE CO
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A		S	U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A 1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	CLOSED 9/30/76
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU CULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1080				C	STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULO MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUOLA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920				C	U H AGRICULTURE EXP STN
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		WI			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340	VAR				MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127	VAR				EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150	VAR				STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310	VAR				KRONOLU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
WAIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		M0			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
HAUNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		M0			HAWAII NAT PARK
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		M0			KUKAIAU RANCH CO
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		M0			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	580		6A		C	K L BOND
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID		C	NATL WEATHER SERVICE
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		M0			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A			MAUNA KEA SUGAR CO
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		M0			STATE DIV OF FORESTRY
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		M0			STATE DIV OF FORESTRY
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC
KAAWALOA 29	A 2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		M0			STATE DIV OF FORESTRY
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHALE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHALE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		VAR			MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MORULA 18	A 6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN
ORCHID LAND EST 91.5	A 7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAW 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAUHILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUN SUGAR COMPANY
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			CLOSED 9/23/76
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		WI		C	STATE DIVISION OF PARKS
PUU KIHE 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI			PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
CLOSED STATIONS												
ISLAND OF OAHU												
LUALUALEI 804	A 5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	CLOSED 9/30/76
ISLAND OF MOLOKAI												
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	CLOSED 9/30/76
ISLAND OF MAUI												
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	CLOSED 9/30/76
ISLAND OF HAWAII												
POHAKEA 220.6	8058	01	HAWAII	1	20 02	155 25	1760		7A			CLOSED 9/23/76

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
OCTOBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

For information on the location of the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA FOR HAWAII".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time as local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- † And also on an earlier date or dates.
- †† Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

† DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLA 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

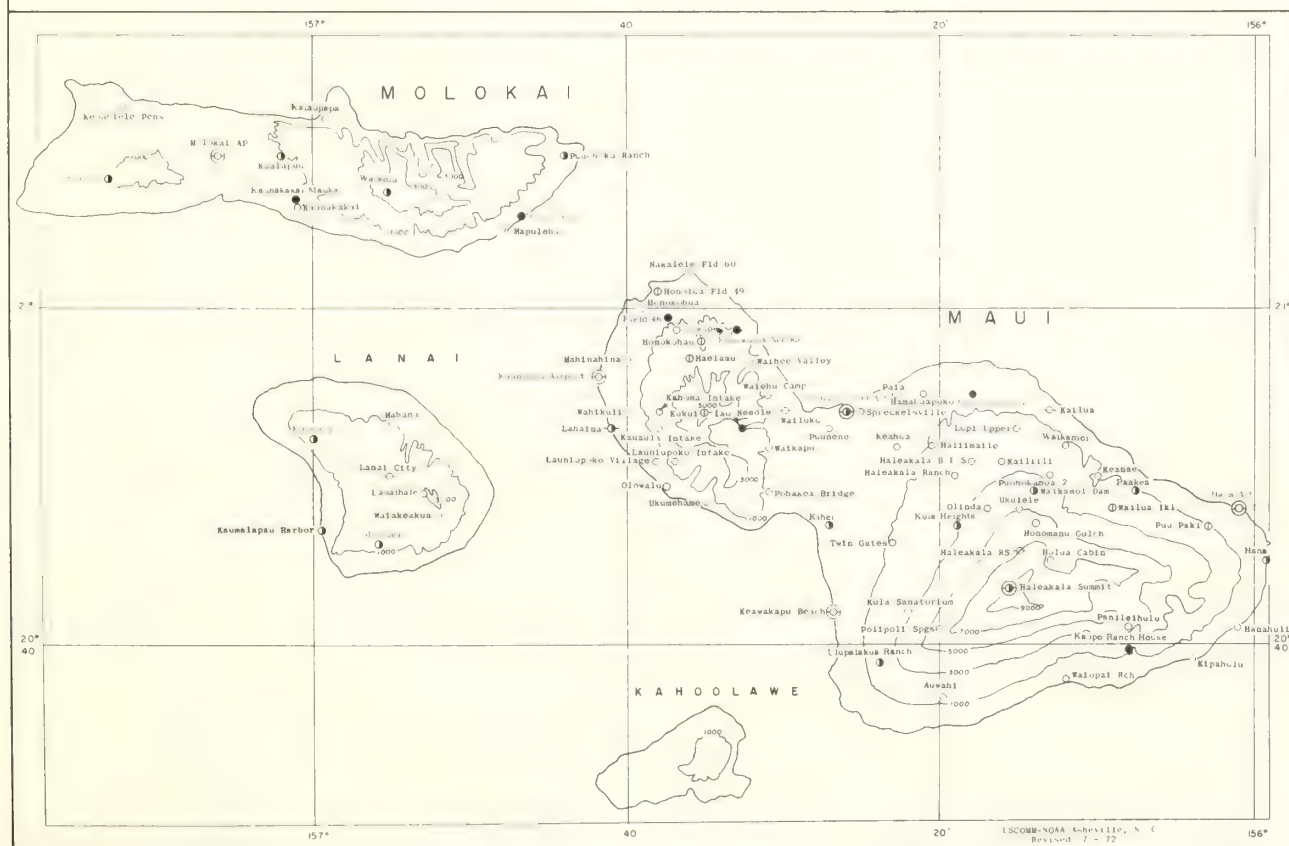
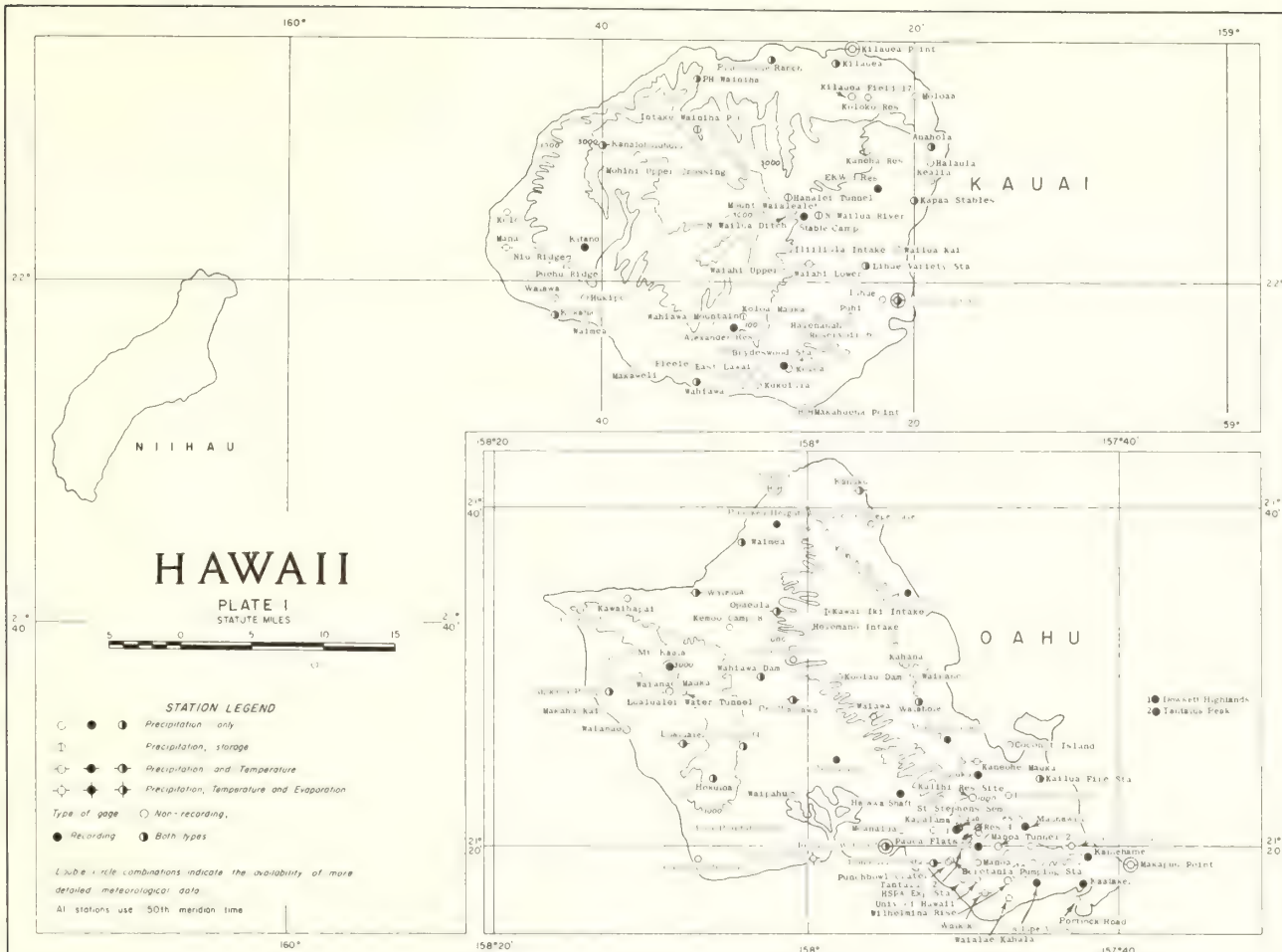
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

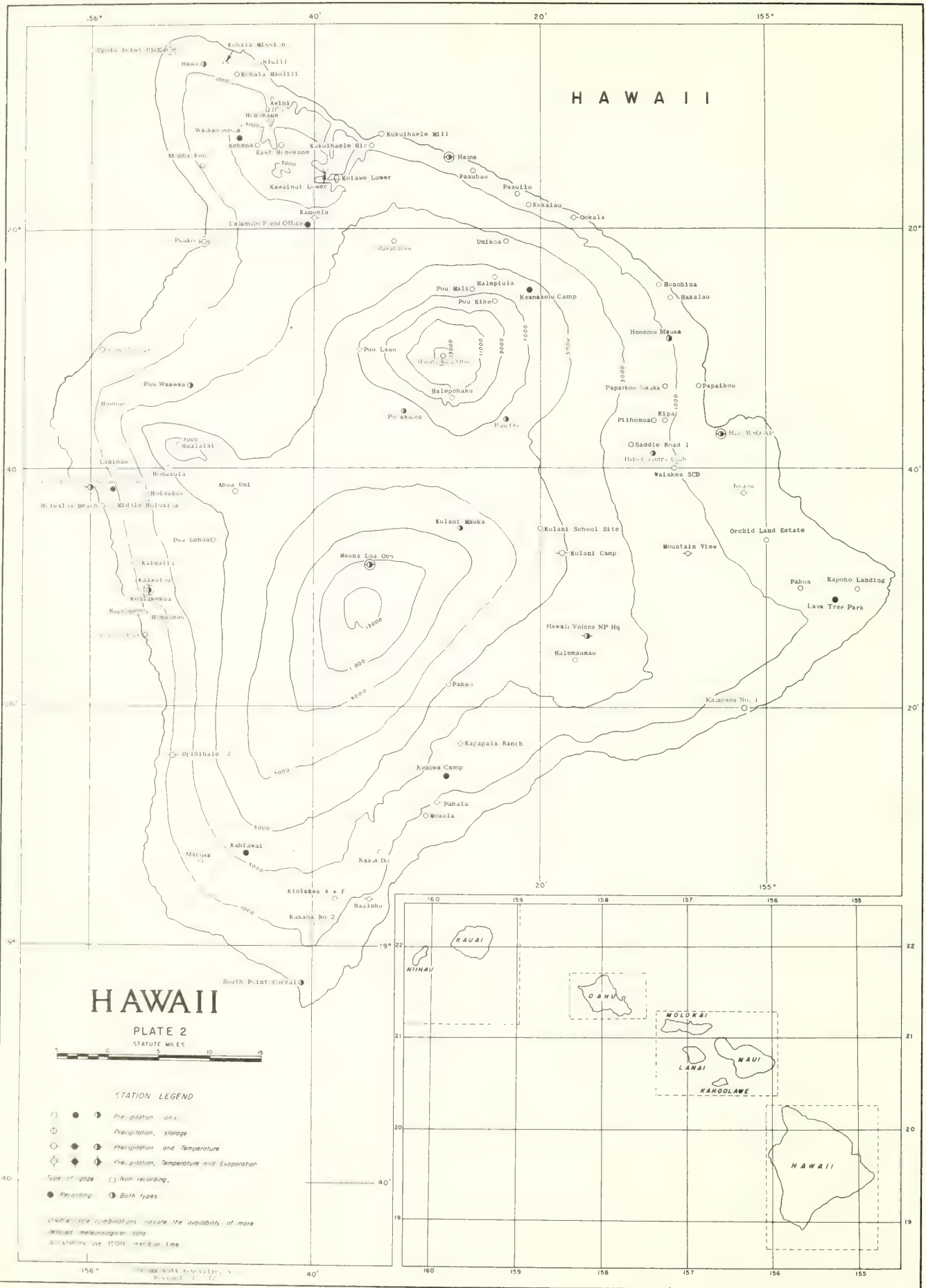
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

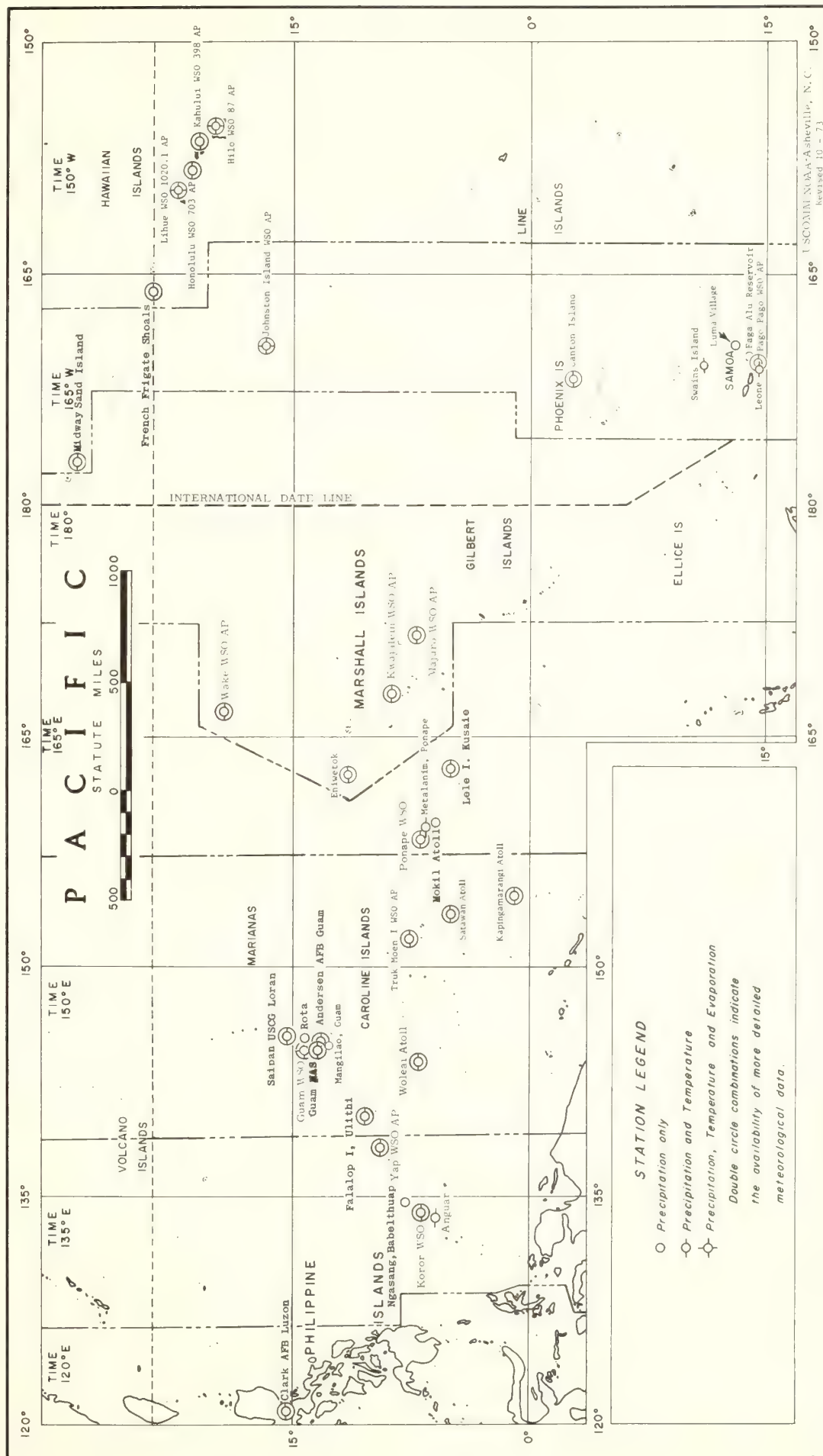
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

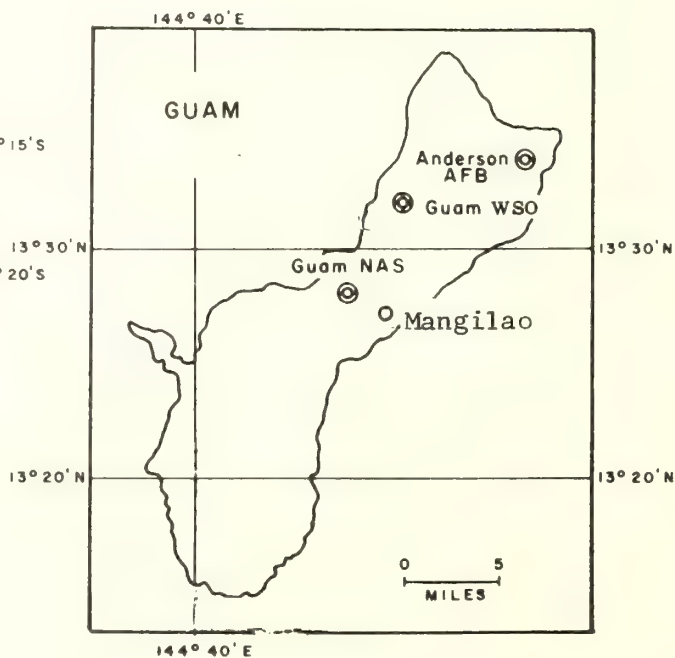
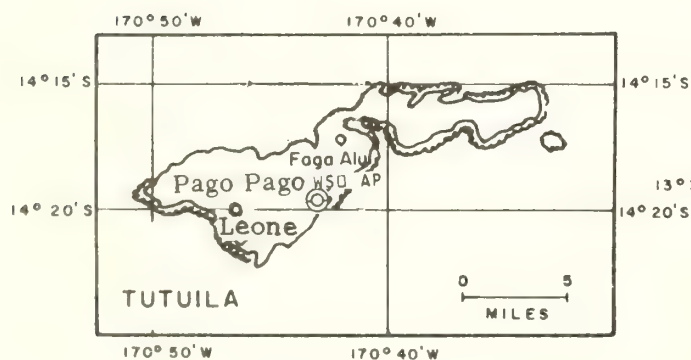
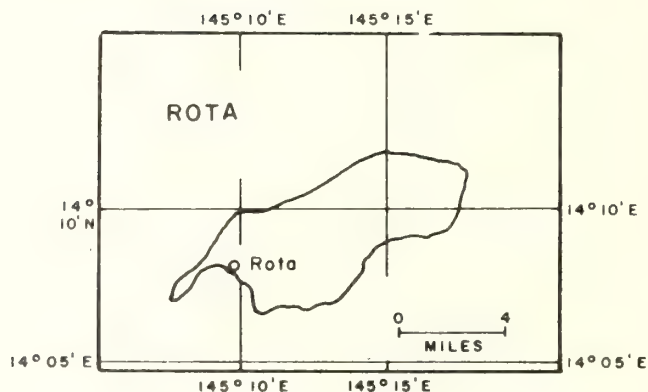
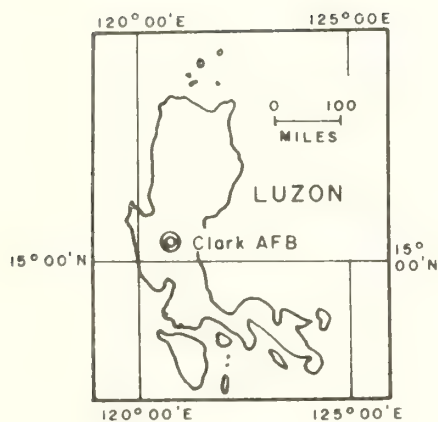
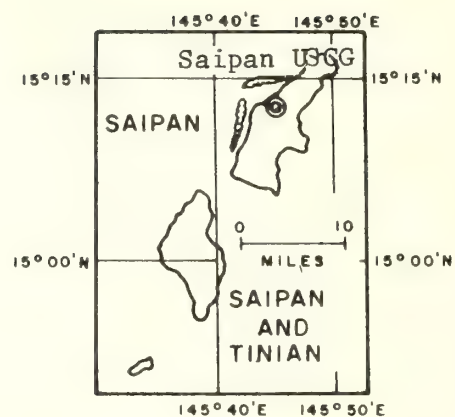
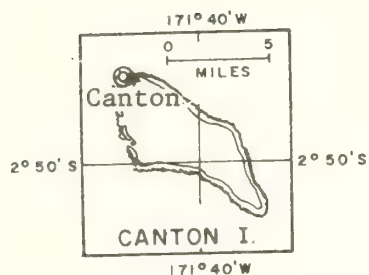
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

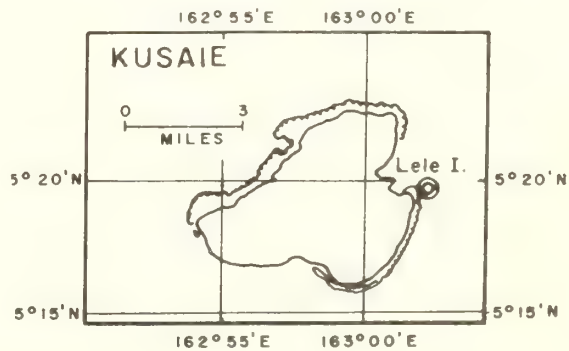
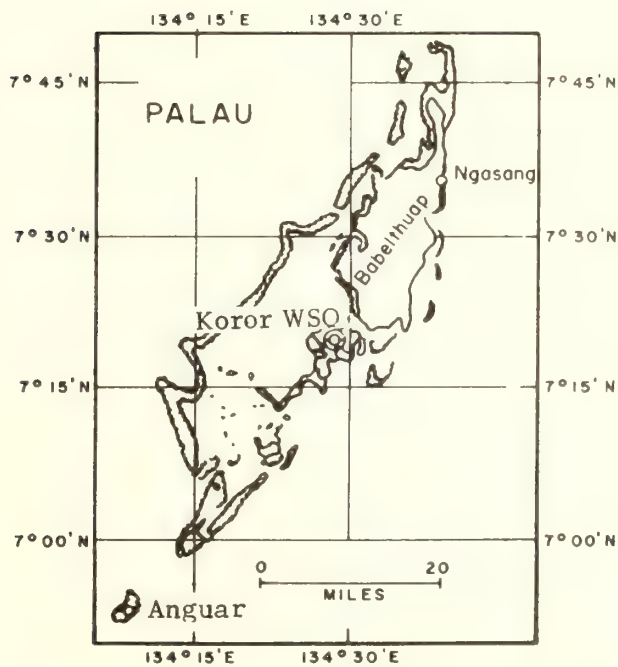
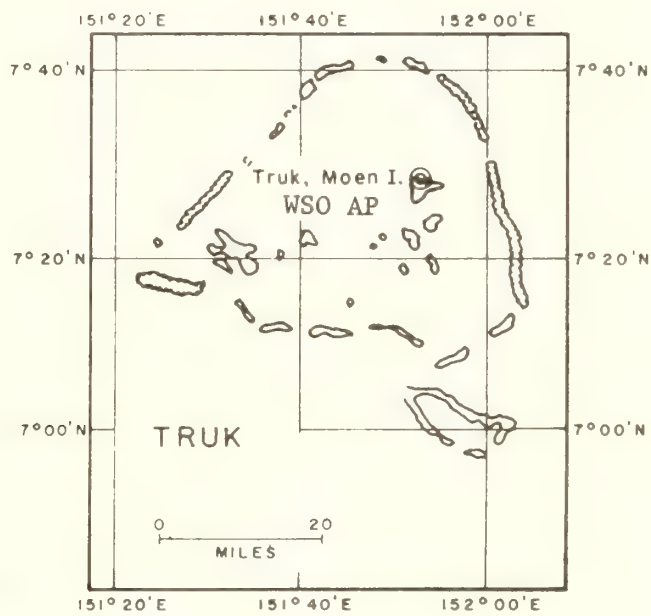
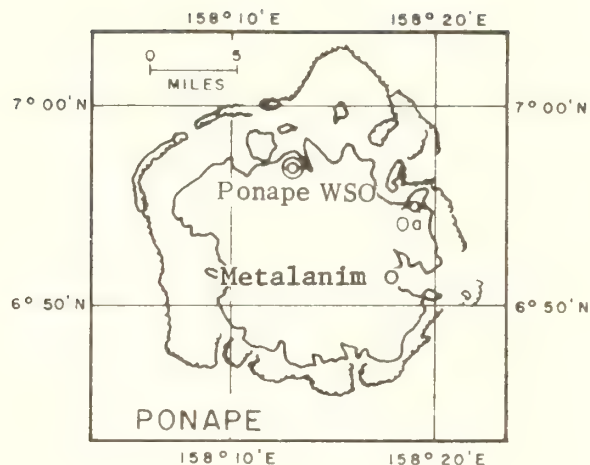
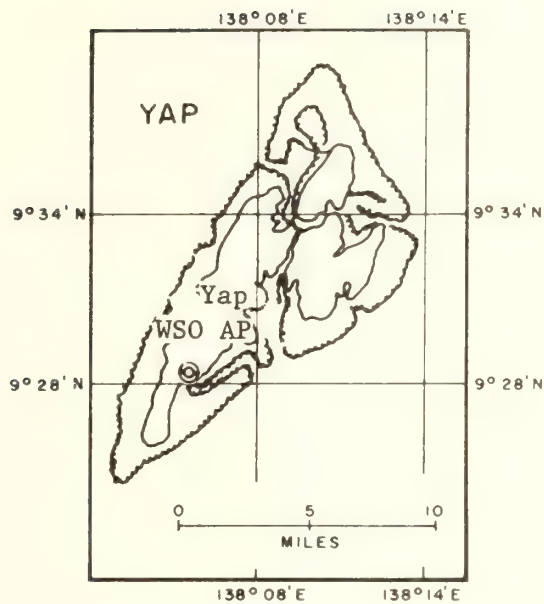




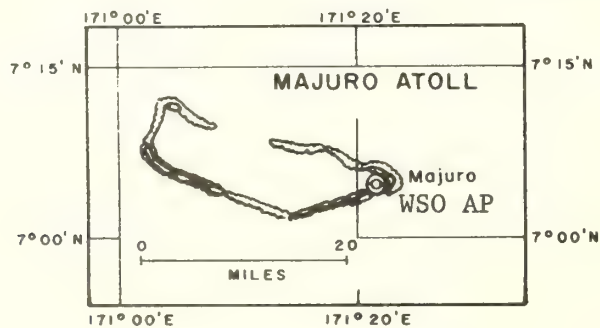
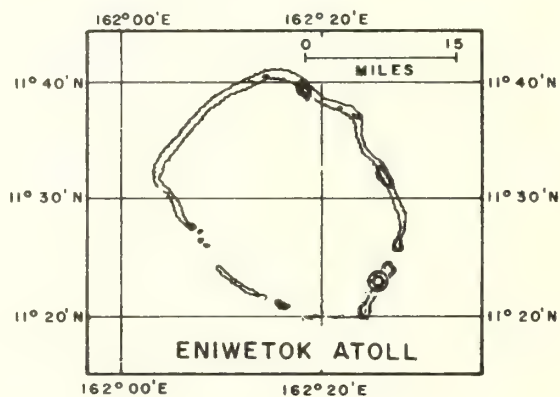
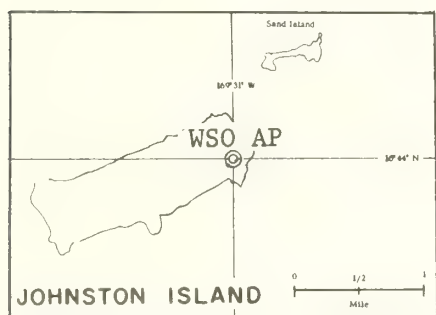
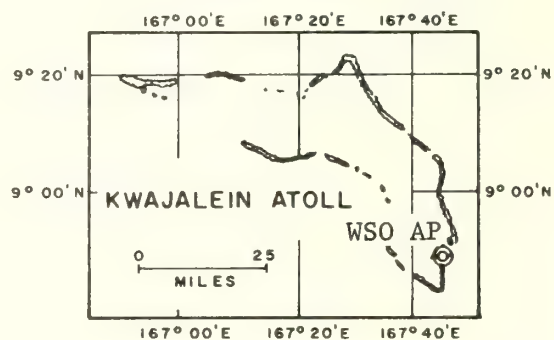
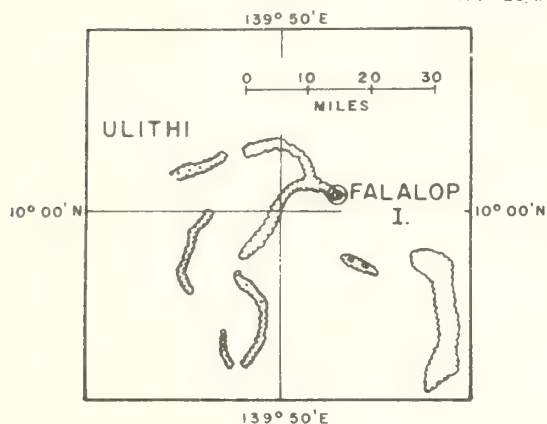
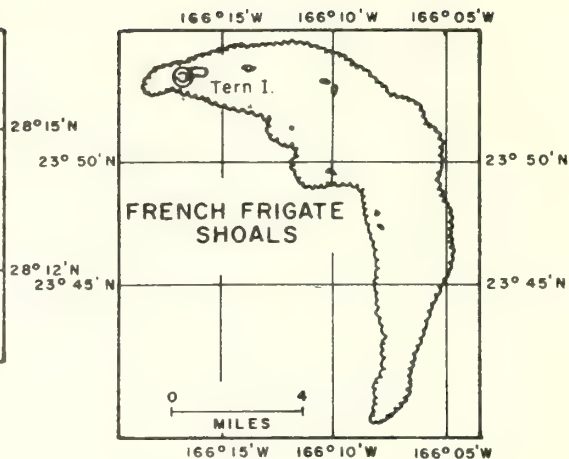
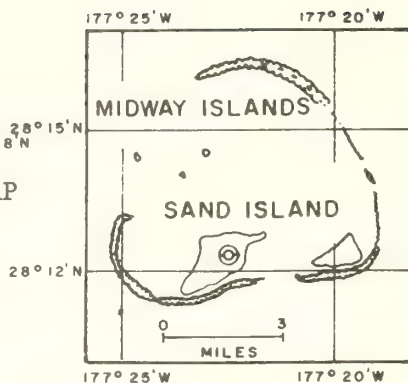
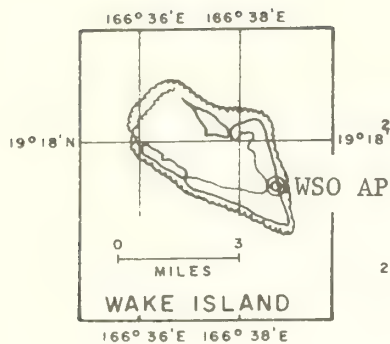




Reef



— Reef



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Climatological Data

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE: 2 STATIONS 89 DATE 25+
 LOWEST TEMPERATURE: HALEAKALA RS 338 MAUI 29 DATE 08
 GREATEST TOTAL PRECIPITATION: HONOMU MAUKA 138 HAWAII 24.47
 LEAST TOTAL PRECIPITATION: 2 STATIONS .00
 GREATEST 1 DAY PRECIPITATION: HONOMU MAUKA 138 HAWAII 7.24 DATE 10

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION								PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER	SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL				
							GREENWICH CIVIL														
							12	18	00	06											
GUAM WSMO	-	-	-	26	E	06	-	80	80	91	0	9	15	4	1	0	29	55	7.5		
HILO WSO 87 AP	34	1.9	6.1	18	NW	17+	82	75	65	79	2	13	8	3	1	0	27	35	7.0		
HONOLULU WSO 703 AP	5	5.3	9.9	30	NE	03	67	65	53	63	9	6	2	0	0	0	17	53	6.4		
JOHNSTON WSO AP	7	18.1	19.3	38	E	19	79	78	70	77	11	8	3	0	1	0	23	72	6.5		
KAHULUI WSO 398 AP	5	6.5	10.5	34	SW	24	79	76	59	71	2	8	4	1	0	0	15	62	5.4		
KOROR WSO	8	2.6	6.6	25	NE	06	89	-	79	76	2	11	4	4	2	0	23	52	8.2		
KWAJALEIN MISSILE RGN	8	13.3	14.1	25++	8	23+	83	84	76	81	4	12	10	3	1	0	30	-	8.2		
LIHUE WSO 1020.1 AP	4	7.1	11.2	27	SW	24	80	77	61	76	7	9	4	0	0	0	20	63	6.3		
MAJURO WSO AP	7	10.3	11.3	28	E	18	84	85	80	84	2	9	8	3	4	1	27	43	8.4		
PAGO PAGO WSO AP	7	5.1	8.1	24	E	10	90	87	77	82	0	4	3	5	5	0	17	46	7.8		
PONAPE WSO	-	-	-	17	NE	30+	90	-	79	83	2	5	5	8	8	2	30	27	8.6		
TRUK.MOEN I. WSO AP	7	6.1	8.7	26	NE	03	86	-	78	79	0	8	9	3	3	3	26	35	9.6		
WAKE WSO AP	10	19.4	19.8	36	E	19	82	83	70	78	9	11	6	0	0	0	26	65	4.4		
YAP WSO AP	9	5.0	7.9	20	NE	30+	89	-	78	76	3	10	11	1	3	0	28	60	7.6		

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											MAX. MIN.								TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
											32° OR BELOW	32° OR BELOW	32° OR BELOW	32° OR BELOW											
HAWAII																									
ISLAND OF KAUAI																									
KAHANA 1114		A												2.37											
KAHANA STATION 1114		A	64.5	48.5	56.5		71 10*	40 10*			0	0	0	0	7.96		3.06	16				9	4	2	
KAHANA STATION 1114														2.52											
KAHANA STATION 1114			81.1	69.1	75.1		89 25	66 26*			0	0	0	0	1.24		.31	29				5	0	0	
KAHANA STATION 1114														1.80											
LIHUE WSO 1020.1 AP		R	80.3	67.3	73.8	- 1.4	83 28	62 26			0	0	0	0	1.22	- 4.41	.27	21				4	0	0	
LIHUE WSO 1020.1 AP			83.9	63.6	73.8	- .9	87 14*	60 26*			0	0	0	0	.75	- 1.69	.34	25				3	0	0	
LIHUE WSO 1020.1 AP														4.17											
LIHUE WSO 1020.1 AP														5.35	- 6.78	1.78	16								
LIHUE WSO 1020.1 AP														1.43	- 1.96	1.00	25				3	1	1		
LIHUE WSO 1020.1 AP														1.06	- 2.81										
LIHUE WSO 1020.1 AP			79.0	60.5	69.8		82 13	54 26			0	0	0	0	1.79	-10.23	.41	25				6	0	0	
LIHUE WSO 1020.1 AP														.47	- 1.89	.30	25				2	0	0		
LIHUE WSO 1020.1 AP					69.8									2.47											
ISLAND																									
ISLAND OF OAHU																									
ALOKA STATION HAWAII			80.3	67.5	73.9		86 3	63 29*			0	0	0	0	.63										
ALOKA STATION HAWAII							84 3*	61 28*			0	0	0	0	.67										
ALOKA STATION HAWAII														.35											
HONOLULU OBSERV 702.2		R	83.4	67.1	75.3	- 1.2	87 10	62 29*			0	0	0	0	.46	- 2.53	.12	25				2	0	0	
HONOLULU OBSERV 702.2			78.6	68.9	73.8	- .1	84 3	66 16			0	0	0	0	3.84	- 4.23	.94	16				10	2	0	
HONOLULU OBSERV 702.2																									
HONOLULU OBSERV 702.2														2.49				.40	16			9	0	0	
HONOLULU OBSERV 702.2			78.8	64.5	71.7		86 2	61 29*			0	0	0	0	6.92		1.92	20				14	2	2	
HONOLULU OBSERV 702.2														6.80				2.58	16			11	4	2	
HONOLULU OBSERV 702.2			79.8	63.4	71.6	1.2	86 19*	60 29			0	0	0	0	1.98		.70	16				1	0	0	
HONOLULU OBSERV 702.2														9.18	- 3.72	2.48	16				11	6	2		
HONOLULU OBSERV 702.2														1.34											
HONOLULU OBSERV 702.2														6.94				1.59	16						
HONOLULU OBSERV 702.2			78.9M	67.0M	73.0M	- 2.7	82 3	64 27*			0	0	0	0	1.39		.29	25				6	0	0	
HONOLULU OBSERV 702.2			79.7	61.9	70.8		85 11*	57 10			0	0	0	0	2.28		.94	16							
HONOLULU OBSERV 702.2			83.1	66.8	75.0		87 2*	62 29			0	0	0	0	.90		.33	20				3	0	0	
HONOLULU OBSERV 702.2																									
HONOLULU OBSERV 702.2			79.4	66.5	73.0		84 29	59 25			0	0	0	0	2.74		.78	30				8	1	0	
HONOLULU OBSERV 702.2														.38											
HONOLULU OBSERV 702.2					73.1									2.90											
HONOLULU OBSERV 702.2																									
ISLAND OF MOLOKAI																									
KUALAPUU 534		A												5.11				1.62	16						
KUALAPUU 534														2.02											
KUALAPUU 534			81.5	65.1	73.3		86 6	60 22			0	0	0	0	2.79		.75	16				8	1	0	
KUALAPUU 534					73.3									3.31											
KUALAPUU 534																									
ISLAND OF LANAI																									
LANAI CITY 672		A					80 2	59 23*			0	0	0	0	1.63	- 2.50									
LANAI CITY 672														1.63											
LANAI CITY 672																									
ISLAND																									
ISLAND OF MAUI																									
HALEAKALA B E S 434		A												7.14				1.87	17						
HALEAKALA B E S 434			64.8	40.0	52.4	- 1.2	73 14	29 8			0	0	1	0	1.57	- 3.98	.38	25				9	6	3	
HALEAKALA B E S 434			79.2M	66.8M	73.0M		82 29*	62 28*			0	0	0	0	6.42		2.53	17				6	0	0	
HALEAKALA B E S 434														2.57											
HALEAKALA B E S 434			79.7	65.1	72.4		83 11*	62 27*			0	0	0	0	1.39		.47	16				4	0	0	
HALEAKALA B E S 434																									
HALEAKALA B E S 434			83.4	66.1	74.8	- .5	88 1	61 22			0	0	0	0	1.92	- .41	.51	16				5	1	0	
HALEAKALA B E S 434							81 29	60 17			0	0	0	0	10.10	- 2.19	2.00	17							
HALEAKALA B E S 434														17.70											
HALEAKALA B E S 434														3.84	- 5.82	.52	25								
HALEAKALA B E S 434			71.6	55.7	63.7	.7	76 20*	51 4			0	0	0	0	1.98	- .97	1.29	25				16	1	0	
HALEAKALA B E S 434																									
HALEAKALA B E S 434			84.4	65.1	74.8	- .4	88 10	61 18			0	0	0	0	.95	- 1.12									
HALEAKALA B E S 434														2.11	- 1.30	.75	25								
HALEAKALA B E S 434							84 29*				0	0	0	0	3.00	- .21									
HALEAKALA B E S 434					68.5									4.67											
HALEAKALA B E S 434																									
ISLAND OF HAWAII																									
HAWAII VOLCANO NP HO 54		R	68.0M	51.6	59.8M	- .8	73 29*	45 15			0	0	0	0	4.63	- 6.84	1.27	10				7	3	2	
HAWAII VOLCANO NP HO 54			80.6	68.3	74.5	- 1.0	87 2	63 19			0	0	0	0	7.24	- 6.53	1.72	9				12	4	1	
HAWAII VOLCANO NP HO 54																									
HAWAII VOLCANO NP HO 54			78.1	59.1	68.6		81 25*	57 30*			0	0	0	0	.80	- 3.49	.37	4							
HAWAII VOLCANO NP HO 54			79.5	64.7	72.1		87 29	62 25*			0	0	0	0	9.50		2.64	10				14	5	4	
HAWAII VOLCANO NP HO 54																									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		TEMPERATURE											PRECIPITATION															
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	WETTEST DAY	DATE	SNOW, S. EET			NO. OF DAYS						
											MAX.								MIN.				TOTAL	MAX. DEPTH ON GROUND	DATE	12 HR. MORE	51 HR. MORE	30 HR. MORE
											0-30°	31-40°	41-50°	51-60°					0-30°	31-40°	41-50°	51-60°						
HAWAII																												
KONA (KAILUA) 68.3	A	M	M	M		86	16+	66	29		0	0	0	0	.09		.07	1	.0	0		1	0	0				
KUKUIHAELE HIC 199						75	30	18	5		0	0	0	0	14.10	7.60	5.10	17	.0	0		14	3	1				
KULANI CAMP 79		63.5	46.0	54.8		87	23	57	19		0	0	0	0	4.84		1.30	10	.0	0		3	3	1				
PAHALA 21	A	M	M	M							0	0	0	0	2.46		1.47	30	.0	0		6	1	1				
POHAKULOA 107	A																											
PUU WAHAA 94.1	A														.43		.20	16	.0	0		2	0	0				
SOUTH KONA 2-31																												
UMIKOA 118																												
WAIKAE SC0 88.2															14.36		5.01	10	.0	0		15	7	4				
ISLAND				66.0											5.85				.0									

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	TEMPERATURE											PRECIPITATION										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	WIND SPEED	DATE	LOWEST DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	DATE	SNOW, SLEET			NO. OF DAYS		
									MAX.		MIN.						TOTAL	MAX. DEPTH ON GROUND	DATE	1.00 OR MORE	5.00 OR MORE	1.00 OR MORE
									30° OR HIGHER	31° OR HIGHER	32° OR HIGHER	33° OR HIGHER										
PACIFIC																						
EAST OF 180TH MERIDIAN																						
CANTON ISLAND	89.7M	79.6M	84.7M			92 26	76 8		17	0	0	0	3.04		.25	22+		0		0	0	
FAVORABLE REEF														12.91		2.55	4		0		19	10 2
FAVORABLE REEF														2.14		1.42	4		0		4	1 1
JOHNSTON WSO AP	R	80.1	74.6	78.4	- .9	84 10+	71 27		0	0	0	0			4.02	3		0		15	9 6	
JOHNSTON WSO AP		80.1	74.6	78.4	- .9	84 10+	71 27		0	0	0	0			4.02	3		0		15	9 6	
FRENCH FRIGATE SHOALS		82.0	69.8	75.9	.0	88 25	63 30		0	0	0	0	1.80	- 1.70	.31	29+		0		7	0 0	
MIDWAY SAND ISLAND																						
PAGO PAGO WSO AP	R	86.1	75.7	80.9	1.0	88 29+	73 11+		0	0	0	0	12.19	1.88	1.92	3		0		13	10 5	
SWAIN ISLAND																						
WESTERN PACIFIC ISL. NORTH OF 12 N																						
ANDERSEN AFB GUAM		83.8	78.0	80.9	.6	85 21+	75 28+		0	0	0	0	9.44	1.48	1.80	1		0		19	6 2	
CLARK AFB LUZON		89.5	74.7	82.1	2.7	93 16	72 30+		20	0	0	0	.08	- 3.39	.04	19+		0		0	0 0	
GUAM NAS																						
GUAM WSO	R	85.3	72.2	78.8	- .4	87 18+	69 6		0	0	0	0	7.91	- .60	1.14	26		0		20	5 1	
MANGILAO													8.78		2.00	1		0		18	5 1	
ROTA													6.15		1.37	12		0				
SAIPAN USCG		87.5	75.8	81.7	.6	89 11+	72 20		0	0	0	0	6.93		1.34	12		0		20	2 1	
WAKE WSO AP	R	85.9	76.0	81.0	.6	89 1	73 23+		0	0	0	0	2.44	- .58	.44	17		0		6	0 0	
CAROLINE AND MARSHALL ISLANDS																						
ANGUAR													8.18	- 1.76				0				
ENIWETAK		84.7	80.1	82.4	- .1	86 16+	77 20+		0	0	0	0	7.51	- 1.58	1.47	1		0		17	3 2	
ENIWETAK		88.0M	78.2M	83.1M		89 29+	76 30+		0	0	0	0						0				
KAPINGAMARANGI ATOLL		88.2M	75.6M	81.9M		90 29+	72 3		3	0	0	0			1.90	3		0		6	4 1	
KOROR WSO	R	88.9	76.6	82.8	.9	92 12	74 17		14	0	0	0	6.30	- 4.37	1.74	16		0		10	6 2	
KWAJALEIN MISSILE RON	R	86.1	77.2	81.7	.0	88 18	74 29		0	0	0	0	5.81	- 5.65	1.10	19		0		14	4 1	
LELE I. KUSAIE																						
MAJURO WSO AP	R	85.1	75.3	80.2	- 1.0	87 17+	72 19		0	0	0	0	12.70	- 2.68	2.45	18		0		16	8 5	
METALANIM		87.3	78.6	83.0		89 29+	73 7		0	0	0	0	26.50		4.84	28		0		20	20 12	
MOKIL ATOLL																						
NGASANG-BABELTHURP																						
PONAPE WSO	R	87.8	73.7	80.8	.5	91 5	71 9+		5	0	0	0	26.34	9.17	4.51	21		0		23	18 10	
SATAWAN ATOLL																						
TRUK. MOEN I. WSO AP	R	86.9	76.3	81.6	.3	89 27+	70 3		0	0	0	0	16.09	4.10	2.59	15		0		18	9 6	
WOLEAI ATOLL																						
YAP WSO AP	R	87.0	74.1	80.6	- .9	89 21+	72 24+		0	0	0	0	8.88	- 1.15	1.96	24		0		15	4 3	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	TOTAL	DAY OF MONTH																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
HAWAII																																				
ISLAND OF KAUAI																																				
ANAHOLA 1114	A	2.37	.09	.25			X	45	02			04	X	X	.20	.80	.05	.09				X	X	.63	.04	T	X	X	X	X	03	34				
BRYCESWOOD STA 985	A	1.14	.02	01	.01		X	51	02			01	X	X	.04							X	X	.15	.04	T	X	X	X	X	29	03				
EAST LAWA 934	A	1.37	.16	T		.02	X	57	03			07	X	X	.04							X	X	.32	T		X	X	X	X	15	01				
ELELE 927	A	.56	.03				X	18	T			.02										X	X	.03		T		X	X	X	30	T				
HALEA 1110	A	3.12	.19	.20				50				05	X	X	.12	1.50	.05	.19				X	X	.03				X	X	X	X	04	15			
HALENAHAWA 1006	A	1.39	.03	.06			X	51				02	04	X	X	.16						X	X	.36				X	X	X		07	06			
HUKIO 949	A	.59		.06																																
ILILILUA INTAKE 1050	A	2.97	.75			.04	05	X	1	04	05	.03	.06	.04	X	X	.14	.34	.02	.03		02	X	X	10	12										
INTAKE WAINIPA PC 1086	A	9.65	1.42	1.40	X					X	X	2	22				2	89				X	X	80	X											
KANALOHULU 1075	A	7.96		.07	.81			03		55		30	05				10	3	06	14	03	05		08		24	2	10	07	03			14	06		
KANEHA RESERVOIR 1092	A	5.65	.40	.40		03	X		80	17		10	10		60	2.10	.10	.40				X	X	.15				X	X	X	X	15	.15			
KAPAA STABLES 1104	A	2.52	.17	.23	.01		X	50				02	X	X	.27	.87	.04	.17				X	X	.05	.04		X	X	X	X	05	10				
KEKAHA 1112	A	2.63	.12	.15			X	47				02	04	X	X	.23	.80	.05	.12			X	X	.02	04		X	X	X	X	07	50				
KEKAHA 944	A	.53																					.01			.03	.44	X	X	X	05					
KILAUEA 1134	A	1.36	X	X	.15	X	X	X	.44			X	05	25	X	.27	X	X	X	X	X	X	18	05	X		X	X	X	X	57					
KILAUEA POINT 1133	A	1.24	T	11		T	17	.06	08			05			20	T	.06	T					16	02			.02				31					
KOLA 1033	A	1.28		.03																																
KOLA 936	A	1.80	.11	T		.01	X	.78	03			35	X	X	01								36	X			X	X	X	X	15					
KOLA LN (PMA) 940.1	A	1.75	.02	.02	.01	.01	.03	.19		.01	.07			X	.63	X	X	X	X	07		02	X	X	13	07		.01	.12	X	X	50				
KOLA MAUKA 994	A	1.94	X	.12	X	.13	X	X	X		.51	X	.63	X	X	X	07					X	X	X	29	01		X	X	X	X	X	18			
KUKUIULA 935	A	1.58	.16	T				X	51	01		49			X	X	01					X	X	46	T			X	X	X	X	15	T			
LIHUE VARIETY ST 10621	A	1.30	.07	.07		.02	X	40			02	10			X	24	12	02				03	X	X	10	05		X	X	X	X	06				
LIHUE 1020	A	1.20	.02	.08		.01	X	55	.01		01			X	14	03						02	X	X	27	02		X	X	X	X	04				
LIHUE WSO 1020.1 AP	A	1.22		.18	T	.01	.22	.04		05	05		T	T	12	09						27	05	T	08											
MAKAOLE 965	A	.50					.01									02							11				32	01								
MAKA 1026	A	.75	.04	.05																																
MAKAIHI UPPER CROSS 1083	A	4.77	.24	.08		.08	.32	.40		24	.08				08	87	.32	.16	.08																	
MOLOKAI 1145	A	1.54	X	.60						.36						16																				
MOUNT WAIKALEA 1047	A	.84																																		
NIU RIDGE 1035	A	.84																																		
N WAILUA DITCH 1051	A	4.17	.30	.06	.28	.05	.02	X	X	1	22	01		22	05	X	12	1.19	.09	.03		03	X	X	.09	.02	.15			X	02	02				
PH WAINIPA 1115	V	5.35	.66	.02	T	.02	X	X	1	12		07	X	X	11	1	18	04	T			03	X	X	19	T				X	1	02	09			
PRINCEVILLE RANCH 1117	V	2.63	.06	.17				X	57			13	X	X	22							01	X	X	17											
PUEHU RIDGE 1040	A	1.43		.16																																
PUHI 1013	A	.68				.02	T	X	X	37	.04												15													
WAINIPA 930	A	1.06	.16	T				X	31	01		06	X	X	05							X	X	25	T			X	X	X	X	21	01			
WAIKAI LOWER 1054	A	1.79	.01			.02	.04	.39		01	22	02		05	01	06	06	13	04			01			14	01	10									
WAIKAI UPPER 1052	A	3.34	.06	.02	.04	.05	.03	.74		.04	39	04	12	06		04	05	12	16	03	38	03	02	19	32	14	80	01								
WAIKANA 943	A	2.52		.03																																
WAILUA KAI 1065	A	1.32	.05	.12				X	50						X	15	.25	.04	05				10													
WAIKAI 947	A	.47																																		
WEST LAWA 931	A	1.33	.14					X	47	02		17	X	X	02							X	X	32	02	T		30					16	01		
ISLAND OF MAUI																																				
ALPHA STADIUM-HAWAII	A	.63								16						02	03	T																		
BECKETTIA PUMPING STA	A	1.01				.05	.10	X		.09			04				18																			
B Y U LAKE 903.1	A	.67	.02	.09						.67							08																			
CAMPBELL IND PK 702.5	A	.36				T	.02		.05	T																										
CAMP 84 807	A	.89				X	X	X	10	X	X	X	X	X	02	03																				
COCONUT ISLAND 840.1	V	1.71	.06	X	.23	.03	X	X	.18					X	X	16	22	.01				.08	X	X	32	.02	X	22	T		X	01	16			
ELWA PLANTATION 741	A	.34				.01	X	X	16	X	X	X	X	X	02		14					X	X	04												
HELEMANIA INTAKE 881	A	4.02	X	X	X	12	X	X	72	X	X	X	X	X	X	14	X	X	95	X	X	1	39	X	01	X	X	X	X	X	X	X	X	X	X	
HONOLULU OBSERV 702.2	A	.46	T	T		.08	.02	T		T						01	T					09	T													
HONOLULU WSO 703 AP	A	.46	T	T		.08	.02	T		T						01	T					09	T													
HONOLULU SUBSTA 704	A	.82				.11										02																				
KANEHA MAUKA 781	A	3.84	.03	.18			09	.17	06		02	02	17		32	07	24					15	58	11												
KAPAA 773	A	2.61				.01	X	X	45								76	01				05	X	1	36	01			X	X	X	16				
KAWAHAPA 841	A	2.72		.12			X	26									68					09	X	X	30				X	X	X	1	09			
KEMO CAMP 8 855	A	2.19		.22		.04	X	29						X	X	04	28	T	T			05	X													

HAWAII AND PACIFIC
NOVEMBER 1976

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DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KUKUIHALE MILL 206	A	11.86		.86	.27	.05	x	x	.54	2.23	1.40	.47	.01	x	x	.02	.09	4.57	.40	.08	x	x	.47	.18	x	x	x	x	21	.01		
KULANI CAMP 79	A	4.84	.05	.08	.14	.08	.15	.88	.89	1.30	.88	.05				.01	.29	.29	.05				.14	.07	x	x	.07	.28	x	x	.02	
KULANI MAUKA 76	A	.59						.05	.05	.20							.07	.12							.06	.02			x	x	x	
KULANI SCHOL SITE 78	A	3.60	x	x	x	x	x	.55	x	x	x	x	x	2.70	x	x	x	x	x	x	x	x	x	x	x	x	.35	x	x	x		
LANIHAU 68.2	A	1.13			.32			.25									.26								.30							
MAKAHALAU 103	V	4.37	x	x	.72	x	x	x	x	.45	x	x	.20	.15	x	x	x	x	1.65	.45	x	x	x	30	x	x	x	x	x	45		
MAUKA 2	A	1.68	.30		x	x	x	x	.48	x	x	x			x	x	.90															
MAUNA KEA 885 111.2	A	.00																														
MAUNA LOA SLOPE 885	A	.33	.22	x	x	x	x	x	x	.11																						
MIDDLE HOLUALOA 68.1	A	.49	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	49	x	x	x	
MIDDLE PEN 147.1	A	1.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
MAULA 18	A	12.07	.26	.05	.86	.11	.02	.37	.40	.08	2.58	2.25	2.50	.07	.06	.16	.06	.10	.96	.26	.01	.07	.04	.09	.18		.07	.29	.01	.14	.12	
MOUNTAIN VIEW 91	A	1.31	.08	.16	.08																			.03	T		x	x	x	x	x	T
NAALEHU 14	A	.56	.02	x	x	x	x	x	x	.12	.01	.80	T	.02			.01															
NAPAHU 28	A	18.47	T		.46	.63	.07	.32	.25	.08	3.41	3.48	2.86	.04	T		.85	.03	3.40	1.25	.05	.15	.30	T	1.00	.01		.01	.58	.08	T	
OPINIALE 2 24.1	A	1.83	.31	.11	T	.02	.01					.10	.08	T			.08	T	T	T	T	T									.02	
ORCHID LAND EST 91.5	A	7.03	x	x	x	x	1.78	x	x	x	x	x	2.52	x	x	x	x	x	x	2.16	x	x	x	x	x	x	x	x	57	x	x	
PAHAUHU 217	A	12.18		.74	.08	.18	.22	.48	.03	2.58	1.46	.15	.04				.34	4.50	.22	.06	.05	.06		.33				.33	.30			
PAUHAU 221	A	15.38		1.32	.18	.06	.26	.58	.05	5.32	1.28	.96	.01				.08	3.45	.74	.03	.07	.17	.01	.15	T		.02	.45	.20	T		
PAHALA 21	A	2.46	.14	.17					.16	.11							.41														1.47	
PAHA 65	A	8.56	.14	.05	1.35	.35	.04	.06	.25	.05	.77	.61	.24	.08	.08	.38	.16	.05	2.10	.44		.24	.05	.13	.28	.09		.06	.03	.03	.16	.29
PAHA 37	A																															
PAPAIKU 144.1	A	12.09	.20	1.15	.01	.02	x	x	.61	.94	5.05	.61	.27	x	x	.12	1.34	.27			x	x	.07	1.36				x	x	.07		
PAPAIKU MAUKA 140.1	A	18.46	.33	1.36	.02	.04	x	x	.97	3.40	6.35	1.28	.28	x	x	.22	2.26	.37			x	x	.34	1.15				x	x	.08		
PIIHOUA 88	A	19.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	19.40	
POHAHUA 107	A																															
PUU KIME 120	A																															
PUU LAHA 102.1	A	.06	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	T	x	x	.06	
PUU LEHUA 73	A	.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.20	
PUU MALI 113	A																															
PUU MAHUA 94.1	A	.43		.02							.12						.20	.02			x	x	x	x	x	x	x	x	x	x	.07	
SADDLE ROAD 1 84	A	14.43	x	x	x	1.53	x	x	x	x	x	11.25	x	x	x	x	.80			x	x	x	x	x	x	.85	x	x	x	x	x	
SOUTH KONA 2.31	A																															
SOUTH POINT CORRAL 3	A	.12							x	x	x	x	.02	x	x	x	x	x	x	.05	x	x	x	x	x	x	.05	x	x	x	x	
UMIKOA 118	A																															
UPOLU POINT USCG 159.2	A	4.08	T	.02		.01	.02	.01	.45	1.06	.85	T			.01		.02	.16		.25	.01	T	.03	.01		1.14	.03					
WAIKOA SCD 88.2	A	14.36	.32	.02	1.04	.07	.23	.26	.13	3.64	5.01	.89	.07		.17		1.08	.11			.02	.27	.05	.59		T	.12	.06	.03	.16	.02	
WAIKOLA-8815 CAS 95.8	A	.22									.20																					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1976

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
NOVEMBER 1975

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
ISLAND OF KAUAI																																		
KANALOHUE HALL 1075	MAX MIN	71 43	62 45	63 51	64 53	63 53	63 54	65 54	66 54	70 40	71 40	68 41	69 47	66 47	65 46	63 49	55 50	55 50	52 50	56 52	55 50	56 50	66 49	66 43	66 44	53 54	61 55	55 42	57 47	63 55	66 46	64.4 48.5		
KILAUEA POINT 1133	MAX MIN	83 70	83 69	81 71	78 72	79 71	80 68	79 68	80 69	81 70	80 68	81 71	84 68	82 70	81 70	78 68	63 58	75 67	77 67	79 68	78 61	81 72	82 69	81 69	87 69	89 70	82 70	82 75	82 65	83 68	86 67	76 67	81.1 69.1	
KOOLA IN MAHI 940.1	MAX MIN	84 69	86 64	85 69	82 63	82 71	81 67	81 69	81 68	82 68	86 68	84 71	84 72	84 70	85 70	84 70	77 67	78 67	80 68	80 65	81 71	81 68	82 69	83 69	87 70	86 69	81 65	83 65	83 67	83 67	86 67	86 67	83.2 68.1	
LIHUE WSO 1020.1 AP	MAX MIN	82 66	81 63	80 70	81 70	81 68	80 68	81 69	81 70	81 64	81 65	81 69	81 59	81 70	80 68	82 67	78 68	78 68	80 68	80 65	81 73	81 72	80 68	81 67	82 70	81 64	82 62	81 63	79 64	79 67	83 63	78 63	79 63	80.3 67.3
MANA 1026	MAX MIN	87 65	86 65	80 60	84 62	85 65	84 66	86 67	84 65	87 61	86 63	83 66	84 65	85 64	87 61	83 58	83 65	83 60	83 61	83 64	84 65	85 66	86 66	86 62	83 63	82 62	79 60	71 62	82 64	84 67	84 64	83.9 63.6		
NIU RIDGE 1035	MAX MIN	84 60	83 61	80 59	82 60	81 60	80 60	82 61	81 60	80 60	84 59	82 60	81 68	83 60	82 60	80 59	79 57	80 57	78 56	79 57	80 57	81 57	82 57	80 59	80 59	79 62	80 59	80 62	80 59	79 58	80 59	78 58	80.9 60.0	
WAIHI LOWER 1054	MAX MIN	80 59	80 65	80 59	78 60	79 64	78 64	81 64	81 57	81 57	78 55	81 65	79 58	81 64	81 62	86 61	86 60	74 60	75 62	78 65	77 66	81 66	80 65	80 67	80 66	76 59	76 64	79 56	79 57	79 57	78 56	78 56	79.0 60.5	
ISLAND OF OAHU																																		
ALOHA STADIUM-HALAWA	MAX MIN	84 67		86 64	84 68	80 69		80 68	79 68	81 65	84 65					83 67	82 68	77 65	76 68	78 69			80 66	82 64	82 70		80 63			84 63	84 65			
B Y J LAKE 903.1	MAX MIN	84 72	84 72	84 70	81 71	80 68	78 68	79 68	81 69	81 72	82 73	81 71	82 70	80 69	79 68	80 65	80 68	75 67	78 68	79 66	76 67	79 66	82 67	81 61	82 64	82 64	80 66	80 67	80 65	80 61	81 62	78 55	80.3 67.5	
EWA PLANTATION 741	MAX MIN	89 63	87 63	85 62	82 65	82 65		83 65	83 65	85 65	87 63	84 64				85 65	84 67	79 64	79 64	83 65			84 63	85 61	82 62					83 61	80 62			
HONOLULU WSO 703 AP	MAX MIN	84 67	83 65	84 70	85 72	85 69	83 70	85 68	85 72	86 66	87 65	84 65	86 66	85 66	85 70	85 67	85 67	81 67	81 67	81 67	79 68	82 68	85 70	86 68	81 67	85 65	82 65	82 65	82 65	80 65	83 65	83.4 67.1		
HONOLULU SUBSTA 704	MAX MIN	81 70	81 65	77 68	79 68	77 66	77 69	79 68	79 69	81 70	81 70	81 69	80 71	80 72	80 69	81 68	74 68	74 67	75 68	74 68	76 70	80 70	82 70	80 68	78 72	82 65	80 68	78 68	81 68	81 68	79 67	79 68	78.9 68.7	
KANEHE MAUKA 781	MAX MIN	82 69	83 67	84 68	79 71	79 70	79 70	80 70	78 70	77 70	78 71	78 71	77 71	74 70	80 69	77 69	81 66	72 67	75 68	77 68	72 68	72 68	78 68	80 68	83 69	78 68	80 68	77 68	79 68	79 68	80 67	80 67	78.6 68.9	
MANOA LYON ARBORETUM	MAX MIN	82 66	86 62	84 62	79 66	79 65	75 63	75 66	76 66	75 66	81 69	81 66	78 66	80 68	76 66	79 65	80 64	79 64	78 64	73 65	70 65	77 65	76 66	82 61	83 61	75 66	81 66	82 64	80 64	80 61	81 62	78.8 64.5		
OPAEULA 870	MAX MIN	86 66	86 65	86 64	82 63	82 64	75 64	74 66	75 65	75 64	75 65	80 63	79 63	79 65	76 62	80 64	80 63	80 62	80 63	80 64	80 64	80 64	80 63	80 63	82 63	80 63	77 62	74 66	80 63	82 63	82 61	82 61	79.6 63.4	
WAIALEE 896.3	MAX MIN	80 67	80 66	82 70	79 67	80 64	80 64	79 65	79 64	79 64	80 65	81 70	78 70	80 69	80 69	80 69	75 65		75 66	75 66	78 69	75 69	76 66	80 64	79 66	80 66	79 67	76 64	76 64	78 65	79 65	76 65	78.9 67.0	
WAIKALUA 847	MAX MIN	85 61	82 61	82 60	79 59	80 62	80 66	79 63	79 63	79 58	81 57	85 60	83 59	82 60	80 61	73 65	80 64	78 58	75 65	78 64	70 66	77 64	76 63	82 58	82 62	75 68	81 64	82 62	80 59	80 63	81 61	79.7 61.9		
WAIKIKI 717.2	MAX MIN	87 64	87 63	85 71	83 83	83 83	83 83	82 82	83 83	83 69	86 71	85 71	84 69	85 68	85 68	85 67	84 68	79 67	80 68	80 64	78 68	81 70	83 64	84 64	84 68	80 67	83 63	83 63	83 63	83 62	83 63	81 63	83.1 66.8	
WAIMANALO EXP FARM	MAX MIN	81 66	83 63	82 68	81 70	80 69	80 67	80 69	80 70	78 70	80 69	81 71	81 72	82 68	81 68	80 69	80 66	74 65	75 68	76 67	73 69	77 69	78 65	80 66	80 64	78 59	79 62	79 61	79 65	84 63	81 63	78.4 66.5		
ISLAND OF MOLOKAI																																		
MOLOKAI AP 524	MAX MIN	85 66	84 65	84 65	84 65	82 68	86 66	80 64	80 66	82 69	84 65	84 68	85 71	84 69	84 65	80 65	78 64	78 64	79 64	75 68	80 60	83 61	83 67	80 62	78 68	79 63	82 62	80 62	79 64	81 64	81 64	81.5 65.1		
ISLAND OF LANAI																																		
LANAI AIRPORT 656	MAX MIN																																	
LANAI CITY 672	MAX MIN	78 66	80 61	79 64	71 64	73 65		73 63	71 65		74 65	75 64	76 66			77 64	75 64	69 63	69 62	70 64				75 59	76 59	79 67				78 62	76 62			
ISLAND OF MAUI																																		
HALEAKALA RS 338	MAX MIN	65 44	62 42	68 35	62 39	70 42	68 40	63 41	61 29	64 36	63 41	60 38	61 39	67 44	73 43	72 44	65 39	66 35	66 35	67 42	68 43	67 43	67 41	62 38	64 38	63 40	56 43	60 41	67 45	63 43	64 40	64.8 40.0		
HANA AIRPORT 355	MAX MIN	82 69	80 62	82 65	76 60	80 69	78 66		80 69	76 70	80 69	78 70	82 71	81 69	82 70	80 68	81 65	72 64	75 64	73 65	80 69	79 67	81 68	80 68	81 65	82 65	81 65	76 62	77 63	82 63	80 64	79.2 66.8		
KAAHAPALI AP 453.1	MAX MIN	83 63	83 65	80 66	79 68	80 69	79 66	78 68	78 68	82 74	82 63	82 65	82 64	81 65	82 66	80 65	75 65	75 66	78 69	79 67	79 68	82 62	79 63	80 63	80 69	78 69	80 64	78 62	80 64	78 64	78 64	79.7 65.1		
KAHULUI WSO 398 AP	MAX MIN	88 63	85 64	84 68	83 69	83 68	82 68	83 68	82 68	85 68	85 62	87 63	85 63	87 65	87 67	85 66	74 66	79 66	80 69	82 69	82 72	86 71	82 61	83 64	85 67	80 70	80 67	83 63	85 67	83 64	81 65	83.4 66.1		
KAILUA 446	MAX MIN	78 67	78 64	79 65	72 64	76 67		74 64	75 64	74 68	77 68	74 68				78 64	74 63	66 60	68 62	73 62			77 65	76 64	69 64					81 63	78 63			
KEAWAKAPU BEACH 260.2	MAX MIN	86 64	84 64	84 68	82 59	85 65	86 66	84 62	86 61	83 63	85 63	85 64	87 67	86 61	85 64	82 66	85 66	79 66	79 66	83 60	84 61	84 61	86 60	81 61	84 66	81 70	82 63	82 61	83 62	82 64	81 63	83.5 63.3		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	DAY OF MONTH																															AVERAGE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAHUKO																																
K. L. SANITARIUM 10.7	MAX MIN	75 56	76 57	76 55	73 51	70 52	71 54	72 55	71 55	72 53	72 54	72 59	72 57	73 58	70 58	70 57	72 58	69 54	70 52	64 53	76 58	74 57	72 54	70 55	72 59	72 60	75 59	66 56	69 55	72 55	69 56	71.6 55.7
KAHANA 36.1	MAX MIN	87 66	85 67	85 64	86 62	86 63	84 58	87 66	87 65	87 65	88 64	86 65	85 65	84 66	86 66	85 67	78 66	82 66	85 61	85 63	87 64	86 63	82 64	85 65	80 68	80 70	81 65	83 64	82 64	84 65	84 66	84.4 65.1
MAHUKO 38.8	MAX MIN	81 66	82 65	84 66	78 70	79 71		79 67	77 70	79 72	77 66	81 69		81 67	84 66	73 65	75 67	76 67					79 68	78 66	81 66					84 63	79 66	
ISLAND OF HAWAII																																
MAHUKO 10.7'S N. H. 54	MAX MIN	70 52	67 54	66 54	62 49	65 51	64 51	66 51	63 50	68 55	69 55	65 54	72 54		68 51	69 55	71 50	68 54	60 48	66 49	68 52	69 52	69 48	68 53	70 53	69 54	72 51	72 49	73 47	73 54	69 53	68.0 51.6
MICRO WAT 67 AP	MAX MIN	83 70	87 70	80 70	81 71	80 71	78 70	79 69	79 66	79 69	82 71	81 69	82 68	80 69	79 69	83 65	75 68	75 66	79 66	83 63	83 68	81 69	80 66	82 69	81 66	81 67	76 71	84 68	80 67	80 71	80 68	80.6 68.3
KAHANA 73.2	MAX MIN	80 62	77 59	78 60	80 61	75 58	77 58	78 61	76 58	78 57	79 62	81 62	80 63	75 59	77 58	78 60	79 60	75 58	79 59	76 57	77 57	78 57	78 58	79 59	81 58	78 64	78 57	79 57	80 57	78 57	78.1 59.1	
KAHANA 130.2	MAX MIN	70 56	59 51	78 51	64 57	67 57		68 57	69 59	70 62	73 62	69 63			78 51	76 51	65 57	62 54	69 55			69 54	72 51	78 51		75 53			76 49	77 48	70.7 54.4	
MAHUKO 92	MAX MIN	80 68	81 68	85 67	76 66	80 65	78 65	78 65	78 64	77 64	78 67	78 67	78 67	81 65	81 66	78 65	81 64	77 65	73 62	78 62	78 65	78 62	80 63	80 63	82 64	86 62	84 64	75 64	80 64	87 63	78 64	79.5 64.7
KAHANA 228.7	MAX MIN																															
KAHANA MISSION 175.1	MAX MIN	80 64	80 64	83 64		76 63	78 65	76 64	76 66	71 66	76 68	72 66	79 67	78 66	78 67	79 63	79 66	69 64	70 63	75 65	77 66	75 66	78 64	78 64	80 63	82 68	78 65	76 65	78 63	82 62	79 63	77.2 64.8
KONA KAHALA 68.3	MAX MIN	85 70		85 69	85 70	84 68		83 68	83 68	84 71	85 72	86 72			84 68	86 69	83 67	83 68	82 67			83 68	83 70	84 69					84 66	83 68		
KAHANA CAMP 79	MAX MIN	61 51	65 50	67 44	57 45	57 38	58 48	60 48	60 44	63 48	65 55	63 42	67 48	63 47	62 55	65 45	63 42	62 48	63 44	60 42	63 46	63 47	65 42	65 40	65 48	65 44	66 47	68 45	62 44	68 50	75 44	63.5 46.0
MAHUKO SLOPE 085	MAX MIN																															
MOUNTAIN VIEW 91	MAX MIN	77 63	78 63	80 63	71 60	75 60	72 60	74 58	74 58	72 60	73 63	72 63	76 63	76 59	78 58	78 58	79 58	74 58	66 58	74 57	76 58	77 57	77 57	76 57	78 62	80 62	81 62	75 60	83 58	83 58	72 59	75.9 59.7
MAHUKO 14	MAX MIN	84 66	80 64	78 67	81 64	80 60		82 56	80 69	83 68	80 68	81 65			80 63	80 65	78 64	80 62	79 62			80 58	80 62	81 65					85 62	79 64		
MAHUKO 223	MAX MIN	80 68	80 66	81 65	72 65	78 65	79 59	76 62	79 65	71 67	76 68	74 68	78 68	78 62	80 65	80 66	80 66	71 65	69 62	77 63	78 65	75 65	79 65	75 64	79 67	80 66	81 66	76 65	78 65	80 68	77 63	77.2 65.2
MAHUKO 24.1	MAX MIN	80 56	78 56	81 62	77 58	76 56	78 58	79 56	82 55	82 58	82 59	75 59	78 59	81 59	81 60	75 57	79 60	76 55	78 55	79 55	80 56	77 57	80 56	84 61	80 58	79 56	82 55	81 55	77 55	80 55	79.3 57.1	
MAHUKO 21	MAX MIN	83 61	79 64	78 62	82 60	80 59		85 60	82 61	82 64	78 67	80 61			80 60	81 61	80 62	80 58	80 57			81 59	80 62	81 63					87 61	80 63		
SOUTH KONA 2.31	MAX MIN																															
MAHUKO POINT USCG 154.2	MAX MIN	84 71	86 71	86 68	81 67	81 69	82 68	79 67	83 66	76 68	81 70	79 69	82 69	82 68	83 69	82 69	83 70	77 67	78 68	79 67	80 69	80 70	81 68	79 68	82 67	82 67	79 68	79 68	79 67	82 67	81 68	80.9 68.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
NOVEMBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	91 80	83 78	89 80	88 78	91 77	88 78		89 76	90 79	90 78	90 80	90 81	89 81	90 78	91 80	91 80	90 81	91 82	90 81		91 80	89 79	89 79		91 79	91 81		91 81	82 75	83 75	82 75	89.7 79.6
JOHNSTON WSO AP	MAX MIN	84 78	83 77	84 73	81 72	80 75	82 76	83 73	83 73	84 76	83 73	83 74	81 76	83 76	83 73	80 72	82 76	82 76	81 73	81 74	82 77	81 73	83 74	82 77	81 76	83 75	82 72	81 74	81 71	82 75	83 75	82 75	82.1 74.6
LEONE	MAX MIN	92 81	89 84	86 82	87 82	88 82	91 81	86 79	85 79	90 75	82 77	90 82	88 79	94 81	90 83	91 81	91 84	90 84	93 85	93 80	93 84	92 83	89 84	86 82	91 83	91 83	91 82	93 83	93 84	89 80	89.9 81.6		
FRENCH FRIGATE SHOALS	MAX MIN	87 72	87 70	85 69	84 69	81 68	84 68	83 69	84 71	84 71	83 71	82 70	84 72	86 72	83 72	83 71	75 68	75 65	80 67	81 68	78 72	82 70	76 71	79 72	79 72	88 69	84 70	82 74	82 74	81 69	81 70	78 63	82.0 69.8
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	88 74	87 75	84 73	84 75	85 75	87 78	81 75	85 75	87 73	80 73	86 73	86 76	87 74	85 75	87 79	86 78	86 81	87 81	88 79	88 79	87 75	88 74	84 74	87 75	86 75	87 75	87 76	87 74	88 76	87 76	86.1 75.7	
SWAIN ISLAND	MAX MIN																																
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	82 75	83 77	85 79	85 80	82 76	84 78	82 77	82 79	82 77	85 79	83 77	84 77	85 79	84 78	85 79	85 79	85 80	85 80	84 78	84 79	85 79	84 78	84 78	84 78	84 78	82 77	83 78	83 75	84 80	84 77	83.8 78.0	
CLARK AFB LUZON	MAX MIN	90 77	91 77	91 75	90 75	91 75	90 73	90 75	91 75	90 75	91 73	91 77	91 77	91 75	90 73	90 73	91 75	91 75	89 77	86 75	90 75	91 77	90 77	88 73	88 73	88 75	88 75	88 73	86 73	88 75	88 72	88 72	89.5 74.7
GUAM NAS	MAX MIN																																
GUAM WSO	MAX MIN	84 71	85 72	87 74	86 73	84 74	85 69	87 73	85 71	85 70	86 72	86 72	86 72	85 72	86 73	85 70	86 73	86 74	87 75	86 72	85 73	85 71	84 70	85 70	85 70	84 70	85 70	84 70	85 70	86 70	86 70	85.1 72.2	
SAIPAN USCG	MAX MIN	88 75	87 77	87 78	88 77	87 78	87 77	87 76	89 77	89 76	88 75	89 74	87 77	88 75	88 74	88 78	88 75	87 74	88 77	87 75	88 72	88 77	87 76	88 74	88 73	84 73	87 75	87 75	87 76	88 76	88 77	88 77	87.5 75.8
WAKE WSO AP	MAX MIN	89 77	87 74	88 78	87 77	88 78	86 77	85 77	87 78	87 77	85 73	85 73	87 77	86 77	86 77	86 77	87 77	83 74	86 73	86 73	86 77	85 77	86 75	85 73	85 76	85 76	84 76	85 77	85 77	86 74	85 76	85 76	85.9 76.0
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	86 81	85 81	82 77	86 81	85 80	86 82	85 81	85 80	85 82	85 80	86 80	85 81	86 79	83 80	86 81	86 80	83 80	85 81	85 80	81 77	85 77	85 81	85 80	85 80	85 80	84 79	85 79	85 81	85 80	85 79	84.7 80.1	
FALALOP I. ULITHI	MAX MIN	88 76	88 76	89 80	89 80	87 76	88 76	88 80	89 80	88 80	88 80	88 76	88 80	89 80	88 76	89 79	88 80	89 77	87 76	88 76	88 80	86 79	81 78	89 78	85 79	89 78	85 79	88 78	88 79	88 76	88 76	88.0 78.2	
KAPINGAMARANGI ATOLL	MAX MIN	89 75	86 75	88 72	86 76	85 75	88 75	89 76	88 74	86 74	89 78	89 76	89 76	89 76	90 78	89 74	88 76	88 77	88 76	88 77	85 74	89 79	88 75	88 76	88 76	88 76	89 75	89 78	90 76	90 76	88 74	88.2 75.6	
KOROR WSO	MAX MIN	89 77	89 78	89 78	90 77	90 77	88 75	90 78	90 77	90 77	90 78	92 77	87 76	89 76	90 77	90 75	82 74	91 76	88 75	88 79	89 77	88 78	89 77	90 78	88 77	90 75	84 76	91 76	90 76	87 76	89 76	89 76	88.9 76.6
KWAJALEIN MISSILE CGN	MAX MIN	84 75	87 78	85 77	86 79	86 76	87 79	86 79	87 80	87 80	86 77	86 78	87 81	87 79	87 77	86 75	87 80	87 80	88 75	87 75	87 76	87 79	87 76	87 76	87 76	87 76	87 76	87 76	87 76	87 76	87 76	87.1 77.2	
LELE I. KUSAIE	MAX MIN																																
MAJURO WSO AP	MAX MIN	82 74	86 74	86 75	86 77	87 76	85 74	85 74	83 73	83 74	86 79	87 79	87 78	87 75	87 74	82 76	82 76	82 74	85 76	86 75	85 78	85 75	84 75	86 75	86 75	84 74	81 77	85 77	85 76	85 76	85 76	85.1 75.3	
METALANIM	MAX MIN	89 76	82 77	88 80	87 79	88 82	87 80	88 73	89 76	88 81	88 80	87 79	88 80	89 80	89 76	88 76	88 76	85 80	89 82	85 78	89 79	88 78	85 78	86 77	86 79	88 79	89 79	87 78	89 79	87 80	87 80	87.9 78.6	
PONAPE WSO	MAX MIN	87 71	84 71	89 73	87 73	91 72	90 73	88 73	89 71	90 71	89 72	89 73	88 74	88 72	89 73	88 73	88 76	88 75	88 75	87 75	88 74	88 73	90 79	87 74	89 73	90 76	89 78	83 74	79 74	87 76	89 76	87.8 73.7	
SATAHAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	88 76	88 76	88 72	85 75	88 78	89 76	89 75	87 76	89 78	89 76	88 79	86 74	88 75	82 74	84 75	88 77	86 76	87 75	87 76	87 77	87 76	83 76	86 80	88 78	86 77	88 79	89 77	86 77	84 74	86 76	86.9 76.3	
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	84 72	85 74	88 76	88 72	84 74	81 74	87 72	87 74	88 73	88 75	88 72	89 73	88 74	88 74	89 75	88 74	88 76	89 74	88 75	87 76	89 76	88 75	88 72	86 72	86 77	88 75	87 76	87 76	87 73	82 74	87.0 74.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NAME OF STATION																																
LEHLE WIND TOWER AP	EVAP	.28	.24	.26	.34	.30	.42	.28	.25	.25	.25	.25	.26	.30	.25	.17	.21	.38	.36	.23	.33	.30	.26	.16	.18	.23	.24	.03	.13	.17	.13	7.44
	WIND	125	89	112	270	289	230	245	211	155	134	137	117	170	176	66	97	229	257	110	161	187	152	88	132	171	80	76	78	98	74	4556
	MAX	87	87	87	87	87	80	78	82	80	84	84	85	84	84	86	86	78	77	79	80	81	82	85	85	61	82	81	82	82	82	82.8
	MIN	65	61	61	61	61	65	65	67	62	62	68	68	67	67	67	61	61	62	63	63	65	66	64	64	63	60	50	58	64	58	63.2
NAME OF STATION																																
MOLOKAI OBSERV. ST.	EVAP	.30	.15	.30	.47	.30	.27	.25	.30	.30	.26	.15	.26	.30	.30	.21	.26	.45	.34	.30	.12	.18	.38	.30	.30	.17	.15	.21	.22	.15	.15	7.95
	WIND	24	7	51	56	45	39	45	43	29	25	12	18	27	22	25	52	66	46	31	24	29	27	29	45	74	35	27	32	31	32	1062
	MAX	88	90	84	86	85	83	85	86	86	85	83	87	87	83	83	86	84	83	81	83	84	85	86	88	82	84	85	85	85	85	84.9
	MIN	65	65	63	63	64	66	65	67	65	68	65	65	65	65	67	66	60	60	64	64	66	64	64	64	64	64	62	63	64	65	64.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	DAY OF MONTH																															TOTAL OF HRS.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																
■ ■ ■ EAST OF 180TH MERIDIAN																																
JOHNSTON WSO RP	EVAP	.29	.40	.41	.19	-	.38	.32	.38	.37	.36	.12	.32	.30	.34	.31	.31	.39	.37	.30	.27	.29	.33	.36	.27	.34	.32	.18	.26	.24	.20	3.748
	WIND	254	217	207	222	253	245	245	239	243	200	233	254	230	256	233	307	273	279	274	269	217	214	176	109	206	185	157	155	143	134	5690
	MAX	86	86	85	81	78	81	81	83	79	85	84	81	82	82	81	76	80	81	80	80	79	81	85	85	80	82	84	85	86	85	82.2
	MIN	70	70	70	70	70	69	70	69	70	70	70	70	69	70	69	68	68	69	69	68	73	69	67	66	67	65	67	68	68	67	58.8
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12° N																																
GUAM WSO	EVAP	.12	.14	.17	.20	.25	.33	.24	.16	.18	.18	.16	.22	.18	.22	.20	.24	.24	.24	.16	.19	.26	.22	.28	.29	.24	.29	.16	.29	.23	.16	6.43
	WIND	179	129	84	90	110	218	138	65	84	118	66	126	102	130	164	145	134	118	171	157	178	160	175	191	167	141	155	95	147	135	4072
	MAX	84	84	90	86	82	82	86	83	87	86	86	85	84	85	83	83	84	86	83	85	84	84	83	85	83	80	84	81	85	85	84.2
	MIN	67	69	69	69	69	70	71	69	67	68	69	70	68	70	70	68	71	70	70	69	70	70	68	69	68	69	68	67	69	67	68.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	1140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHU 1114	A 0145	01	KAWAIIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	280				C	CLOSED 10/31/76
ELELE RD 7	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANAIEI TUNNEL 1053	A 1170	01	KAWAIIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIKOA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ISLAND OF OAHU												
ILIILILUA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANAIEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULU 1075	3099	03	WAIKOA	3	22 08	159 40	3600	7A			C	STATE DIVISION OF PARKS
KANEHA RESERVOIR 1092	A 3174	01	KAWAIIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIKOA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANAIEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANAIEI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KITANO 1037.1	4650	03	WAIKOA	3	22 02	159 41	2150				C	CLOSED 10/31/76
ISLAND OF MAUI												
KOLO 1033	4735	03	WAIKOA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAUI) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 1062.1	A 5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAHELE 965	A 5864	03	WAIKOA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIKOA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
ISLAND OF MOLOKAI												
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	CLOSED 10/31/76
MOHIHI UPR CROSS 1083	A 6433	01	WAIKOA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIKOLEALE 1047	R 6565	03	WAIKOA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIKOA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANAIEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANAIEI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIKOA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
ISLAND OF KAUAI												
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	A 8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIKOLA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKOA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKOA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKOA 943	9253	03	WAIKOA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIKOA 947	9629	03	WAIKOA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
ISLAND OF MAUI												
HELEMANO INTAKE 881	A 1384	05	WAIKOLA	5	21 33	158 00	1274		WI		C	WAIKOLA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220				C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1975

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF OAHU													
KAA LAKE I 724.6	2269	02	HONOLULU	2	21 18	157 43	10					C	MRS. MILLIE ZAPATA U S AIR FORCE
KAENA POINT 841.3	2410	04	WAILUA	4	21 34	158 15	1240	9A					
KAHANA 883	A 2462	01	KOOLAULO	1	21 31	157 54	800	WI					WAIHOLE WTR CO LTD
KAHUKU 912	A 2570	01	KOOLAULO	1	21 41	157 59	25						KILIMA HOTEL
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10	8A				C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75					C	GRADEN HARGER
KALIHU RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910	MID					BOARD OF WTR SUPPLY
KANEHOE MAUKA 791	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A				STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614	8A					KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAILUA	5	21 35	158 11	40	7A					WAILUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAILUA	5	21 33	158 05	725	7A					WAILUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160	8A					C & F OFFICER HEOG
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 49	240					C	NATIONAL WEATHER SERV
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15	7A					HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400	8A				C	CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300	6A					NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220	7A					MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A				LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650	MID					BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410					C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20	9A					JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325					C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015					C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048	MID					BOARD OF WTR SUPPLY
NUUANU RESERV 5 775	A 6933	02	HONOLULU	2	21 21	157 50	410	WI					BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAILUA	5	21 34	158 02	1060	7A	7A			C	WAILUA SUGAR CO. INC.
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10	7A					D L GRUBB
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480	10A					CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995	MID					BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640	MID					BOARD OF WTR SUPPLY
PUNALUU PUMP 905.2	8314	01	KOOLAULO	1	21 35	157 54	20					C	MRS DAVID DELAO
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360	8A					NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAILUA	1	21 39	158 02	900					C	JACK N. WHEELER
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40					C	SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000					C	NATIONAL WEATHER SERV
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325	7A					R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79	8A					DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115	6A					W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854	7A				C	WAILUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745	8A				C	WAIHOLE WTR CO LTD
WAILAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40	7A					SPENCER TINKER
WAILEE 896.3	9190	01	KOOLAULO	1	21 41	158 02	33	8A	8A				WAILEE LIVESK RES FARM
WAILUA 847	A 9195	05	WAILUA	5	21 35	158 07	32	7A	7A			C	WAILUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10	7A					BEN MAYES
WAIANAE KAWIWI 801.1	A 9234	04	OAHU	4	21 28	158 11	40					C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800	MO					WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760	WI					WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A				HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180					C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A				WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120					C	WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAILUA	5	21 38	158 04	330	7A				C	WAILUA SUGAR CO. INC.
WAIPIHU 750	A 9738	03	EWA	3	21 23	158 01	59	8A					WAIHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100	MID					BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30	8A					KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12	7A					MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70					C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560	VAR					MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878	7A				C	DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070	9A				C	MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A				ALOHA AIRLINES
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700	6A				C	PUU O HOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550	WI					MOLOKAI RANCH COMPANY
ISLAND OF LANAI													
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650	WI					LANAI COMPANY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF LANAI												
KAUMLAPAU HARBOR 658	441	01	LAHAINA	1	20 47	157 00	30		8A			DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	5301	01	LAHAINA	1	20 49	156 53	3370		WI			U S D A
MAHANA 694	5774	01	LAHAINA	1	20 52	156 55	1430		MO			U S D A
MALAEUA 676	6012	01	LAHAINA	1	20 46	156 55	1150		WI			LANAI COMPANY
WAIKEAKUA 685	9021	01	LAHAINA	1	20 47	156 52	2000		WM			KOELE COMPANY
ISLAND OF MAUI												
AUWAHI 252	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050					CLOSED 10/15/76
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					MAUI LAND-PINEAPPLE CO
HALEAKALA B E S 434	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALIMAILE 423	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1056	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	1122	01	HANA	1	20 45	155 59	120		8A			HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HOLUA CABIN 259.5	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1080					STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650					CLOSED 10/31/76
KAHOMA INTAKE 374	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID			NATL WEATHER SERVICE
KAILIILI 436	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAKULA INTAKE 375	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020					KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4485	03	WAILUKU	3	20 47	156 27	90		7A			HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC
KUIAHA EXP STN	4840	01	MAUI	1	20 54	156 18	920					U H AGRICULTURE EXP STN
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A			KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A			PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		WI			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPU UPPER 442	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAKAE 350	7194	01	HANA	1	20 49	156 37	1260		VAR			E MAUI IRR CO LTD
PAIA 406	7556	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	7674	02	HANA	2	20 41	156 08	3570		MO			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUDOHOKA 2 343	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	8553	01	HANA	1	20 45	156 03	2160					EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A			ULUPALAKUA RCH CO LTD
WAHIKULI 364	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEHU CAMP 484	9175	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL 1-SEE NOTES	
ISLAND OF MAUI												
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR			EAST MAUI IRRIGATION CO WAILUKU SUGAR CO EAST MAUI IRRIGATION CO WAILUKU SUGAR COMPANY HALEAKALA RANCH CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630					
WAILUKU 386	A 9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			
WAILOPAI RANCH 256	A 9765	02	HANA	2	20 38	156 12	220		0A			
ISLAND OF HAWAII												
AHUA UMI 75	A 0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH NAT HISTORICAL PARK HONOKAA SUGAR CO MAUNA KEA SUGAR CO HAWAII NAT PARK KUKAIAU RANCH CO MAUNA KEA OBSERVATORY HA VOLCANOES NAT PK HQS K L BOND REX WILLS II
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			
HAIRNA 214	0840	01	HAMAKUA	1	20 06	155 28	461		8A			
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			
HALEMAUMAU 52	A 1033	03	KAU	3	19 24	155 17	3648		M0			
HALEPIULA 117	A 1060	01	HAMAKUA	1	19 56	155 24	5770		M0			WATL WEATHER SERVICE STATE DIV OF FORESTRY CAPT COOK CATTLE CO CLOSED 10/31/76 SHIGETO L TANAKA MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO STATE DIV OF FORESTRY STATE DIV OF FORESTRY HUEHUE RANCH
HALEPOHAKU 111	A 1065	02	HAMAKUA	2	19 46	155 28	9220		M0			
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A			
HAWI 168	A 1339	01	N KOHALA	1	20 14	155 50	580		6A			
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1600		7A			
HILO WSO 87 AP	R 1492	02	S HILO	2	19 43	155 04	27	MID	MID			KAU SUGAR COMPANY, INC CAPTAIN COOK COFFEE CO. RUSSELL P. SMITH KONA EXPERIMENT STA FLOYD W MC COY HAWAII VOLCANOES NAT PK PARKER RCH-KAPAPALA DIV PARKER RANCH PARKER RCH-KAPAPALA DIV DEPT OF PUBLIC WORKS
HOLUALOA 70	A 1557	04	N KONA	4	19 38	155 55	3220		M0			
HOLUALOA BEACH 68	A 1562	04	N KONA	4	19 37	155 59	14		7A			
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040					
HONANAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A			
HONUAULA 71	A 2047	04	N KONA	4	19 40	155 53	6250		M0			
HUALALAI 72	A 2151	04	N KONA	4	19 42	155 52	8190		M0			
HUEHUE 92.1	A 2156	04	N KONA	4	19 45	155 59	1960		6A			
KAALA IKI 12	A 2249	03	KAU	3	19 08	155 34	1340					HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
KAAWALO 29	A 2327	04	SOUTH KONA	4	19 30	155 55	1340		8A			
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700					
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			
KALAOA 69.22	2887	04	HAWAII	4	19 44	155 59	2000		8A			
KALAPANA 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
KAMAHA 2 5	A 3048	03	KAU	3	19 02	155 40	1375		WI			
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			
KAPAPALA RANCH 36	A 3300	03	KAU	3	19 17	155 27	2140		6A			
KAPOHO LANDING 93.5	A 3369	02	PUNA	2	19 30	154 52	290		VAR			
KAWAINUI LOWER 193	A 3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
KEAUA 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			
KEAUA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700					
KEALAKEKUA 2 28.7	3980	04	S KONA	4	19 30	155 55	1450	8A	8A			
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280					
KIOLAKAA A & F 6	A 4625	03	KAU	3	19 04	155 38	1925		M0			HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
KIPA 89.2	A 4632	02	S HILO	2	19 44	155 09	1490		WI			
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			
KOIAWE LOWER 196	A 4685	01	HAMAKUA	1	20 05	155 38	720		WI			
KONA (KAILUA) 68.3	A 4764	04	N KONA	4	19 39	156 00	30	8A	8A			
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			
KUKUIHALELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			
KUKUIHALELE MILL 206	A 4938	01	HAMAKUA	1	20 08	155 34	300		6A			
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			
KULANI MAUKA 76	A 5018	05	N HILO	5	19 35	155 27	8300		VAR			HONOKAA SUGAR CO PUNA SUGAR CO KAU SUGAR COMPANY, INC MRS LILAH MEIER STATE DIV OF FORESTRY STATE DIV OF FORESTRY MAUNA KEA SUGAR CO. K. LYMAN BOND HONOKAA SUGAR CO STANDARD OIL CO OF CAL
KULANI SCHOOL SITE 78	A 5021	02	S HILO	2	19 35	155 20	5735		WI			
LALAMLO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615					
LANTHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650					
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY CAPT COOK CATTLE CO KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA
MANUKA 2	A 6134	03	KAU	3	19 07	155 50	1760		WI			
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	3770		7P			
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			
MIDDLE HOLUALOA 68.1	A 6268	04	N KONA	4	19 37	155 58	500		7A			
MIDDLE PEN 147.1	A 6270	01	N KOHALA	1	20 06	155 50	1380		VAR			PARKER RANCH STATE DIVISION OF PARKS MAUNA KEA OBSERVATORY MAUNA LOA OBSERVATORY CAPT COOK CATTLE CO KAHUA RANCH PARKER RCH-KAPAPALA DIV PUNA SUGAR CO KAU SUGAR COMPANY KONA EXPERIMENT STA
MORULA 18	A 6407	03	KAU	3	19 11	155 30	600					
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			
NAALEHU 14	A 6588	03	KAU	3	19 04	155 35	673	8A	8A			
NAPOOPOO 28	A 6697	04	S KONA	4	19 28	155 55	395		7A			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF HAWAII													
PAHALA 22	7151	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO MRS LORMA TRUMAN BOARD OF WATER SUPPLY HONOKAA SUGAR COMPANY LAUPAHOEHOE SUGAR CO KAU SUGAR COMPANY, INC PUAN SUGAR COMPANY PARKER RCH-KAPAPALA DIV MAUNA KEA SUGAR CO MAUNA KEA SUGAR CO	
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A				
ORCHID LAND EST 91.5	7185	02	PUNA	2	19 34	155 00	445		VAR				
PAHALA 17	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C		
PAHALA 21	7311	01	HAMAKUA	1	20 03	155 22	800		7A				
PAHALA 21	7421	03	KAU	3	19 12	155 29	870	8A	6A				
PAHALA 25	7457	02	PUNA	2	19 30	154 57	670		6A				
PAKAO 37	7643	03	KAU	3	19 22	155 28	5000		MO				
PAHALA 144.1	7711	02	S HILO	2	19 47	155 06	260		7A				
PAHALA 144.1	7711	02	S HILO	2	19 47	155 08	1270		7A				
PIIHONUA 89	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY STATE DIVISION OF PARKS KUKAIAU RANCH CO STATE DIV OF FISH-GAME W.H. GREENWELL RANCH KUKAIAU RANCH CO PUU WAAWAA RANCH CO BOARD OF WTR SUPPLY MRS CAROLYN CARLSON PARKER RCH-KAPAPALA DIV	
PAHALA 107	8063	02	HAMAKUA	2	19 45	155 32	6511		WI		C		
PAHALA 110	8393	01	HAMAKUA	1	19 54	155 24	7750		MO				
PUU LAU 102.1	8452	05	HAMAKUA	5	19 50	155 36	7440		MO				
PUU LEHUA 73	8460	04	N KONA	4	19 34	155 49	4880		MO				
PUU MAHI 113	8515	01	HAMAKUA	1	19 55	155 26	6960		MO				
PUU WAAWAA 94.1	8555	05	N KONA	5	19 47	155 51	2520		7A		C		
SADDLE ROAD 1 84	8590	02	S HILO	2	19 42	155 12	2340		WM				
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A				
SOUTH POINT CORRAL 3	8675	03	KAU	3	18 57	155 41	500		WI				
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO U S COAST GUARD SHINICHI KANESHIRO BOISE CASCADES WA CONST KAHUA RANCH COMPANY	
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A				
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A				
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A				
WAIKANONOUA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C		
CLOSED STATIONS													
ISLAND OF KAUAI													
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIIHAU	2	22 06	159 22	280				C		CLOSED 10/31/76
KITANO 1037.1	4650	03	WAIKOA	3	22 02	159 41	2150				C		CLOSED 10/31/76
M+M 1001	5097	02	KOLOA	2	21 55	159 28	300				C		CLOSED 10/31/76
ISLAND OF MAUI													
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	CLOSED 10/15/76 CLOSED 10/31/76	
KAHAKULA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C		
ISLAND OF HAWAII													
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	CLOSED 10/31/76	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
NOVEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'AMAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			3 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE RGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHIAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- W1 Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- # DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLA 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

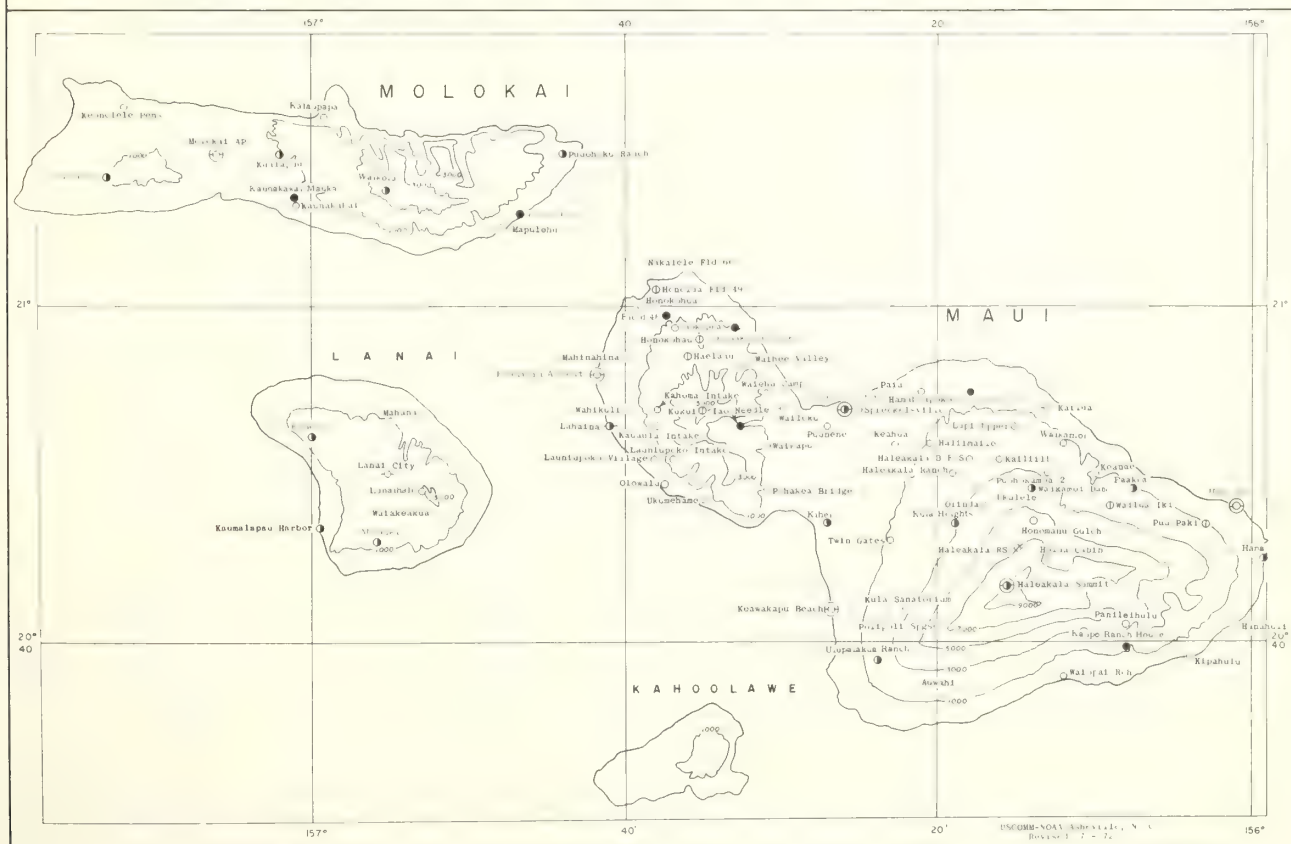
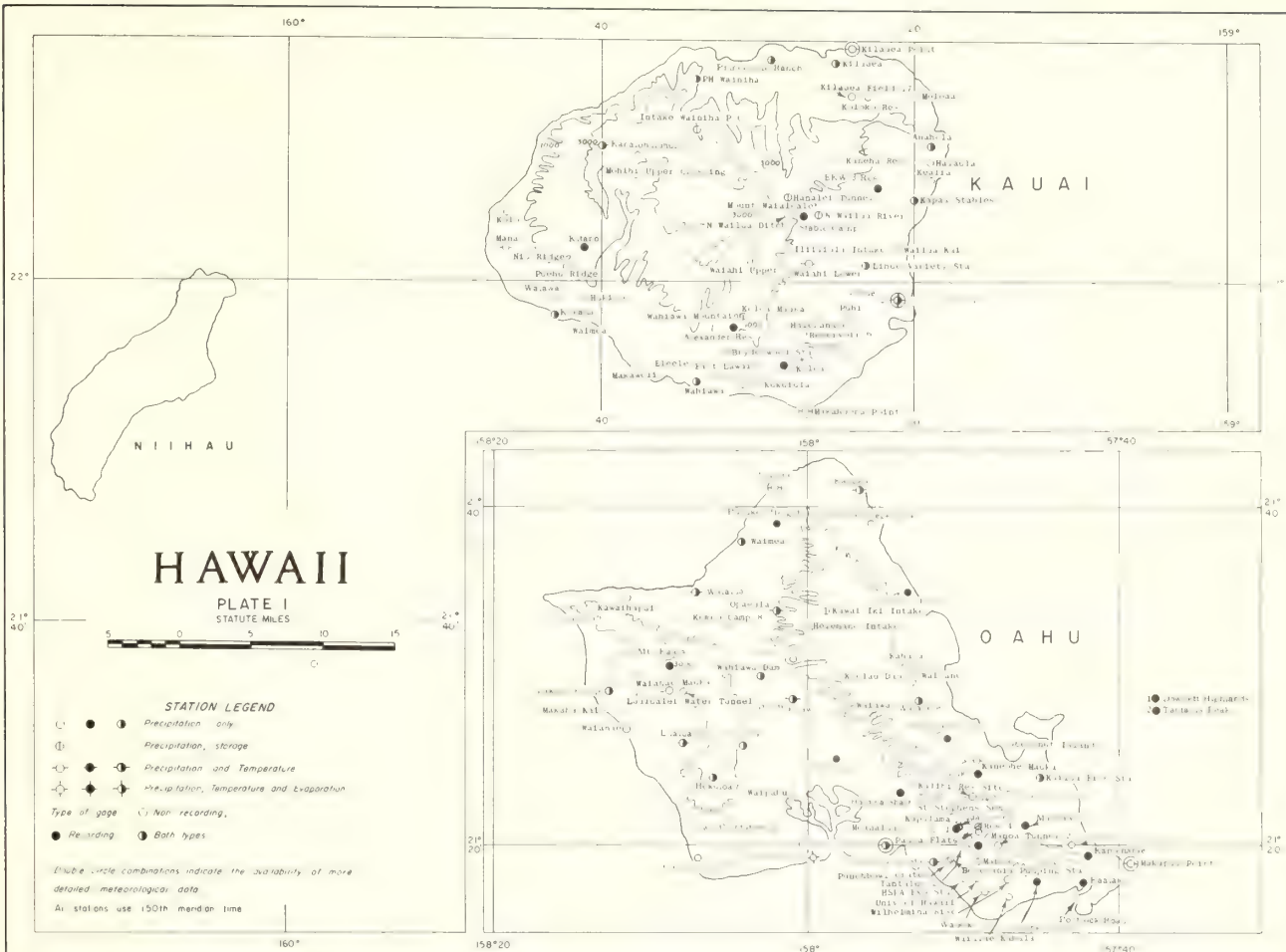
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

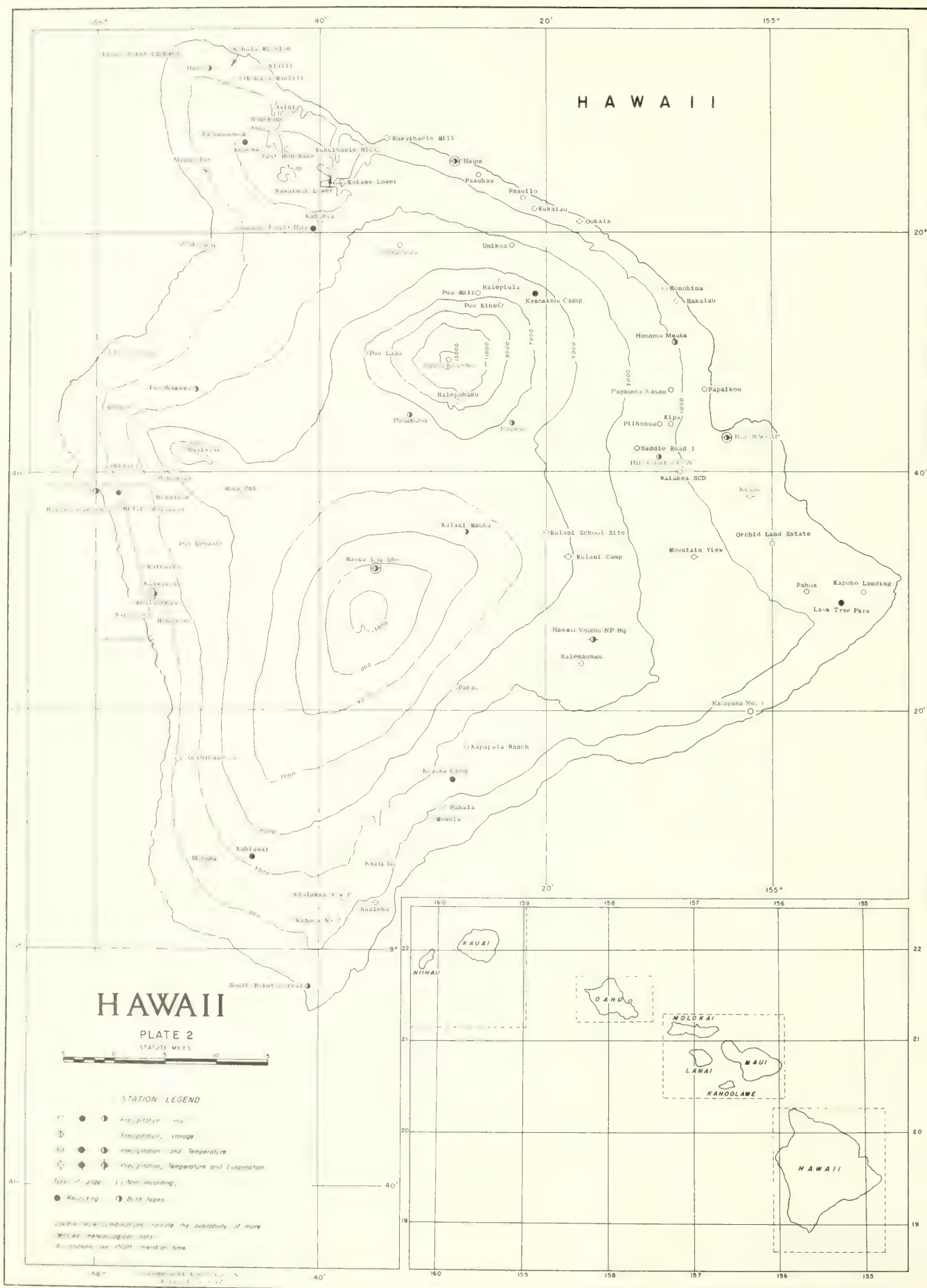
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

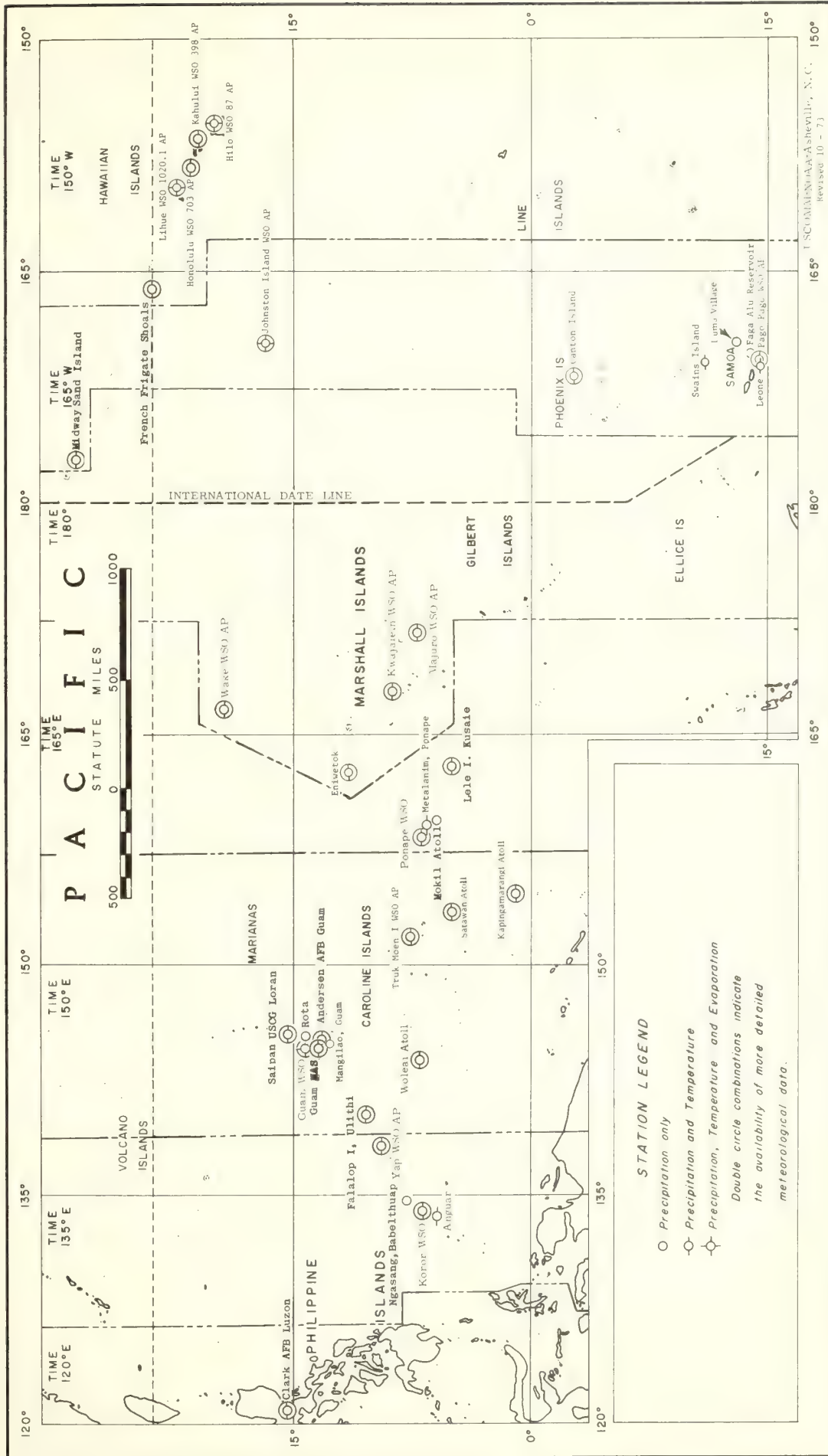
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

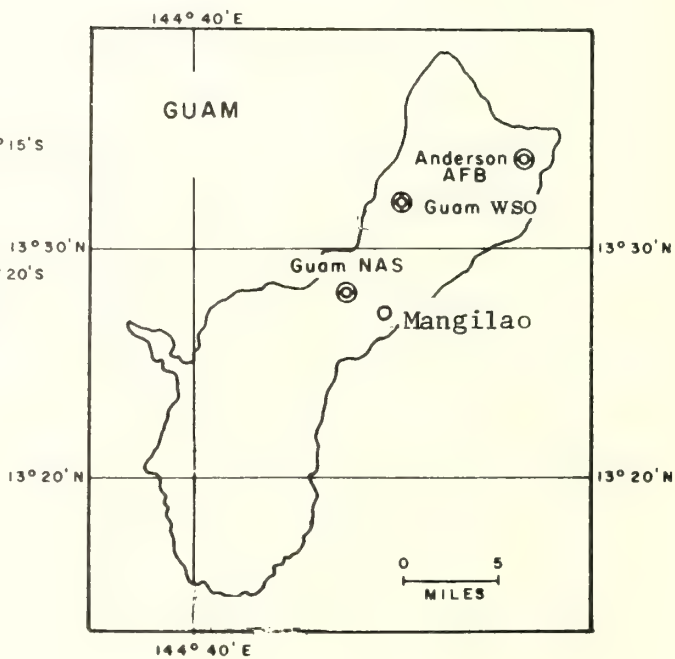
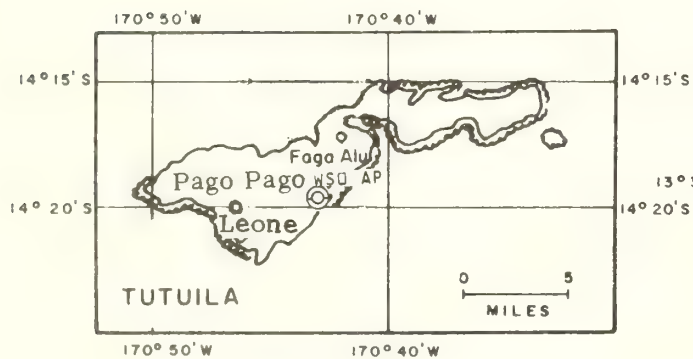
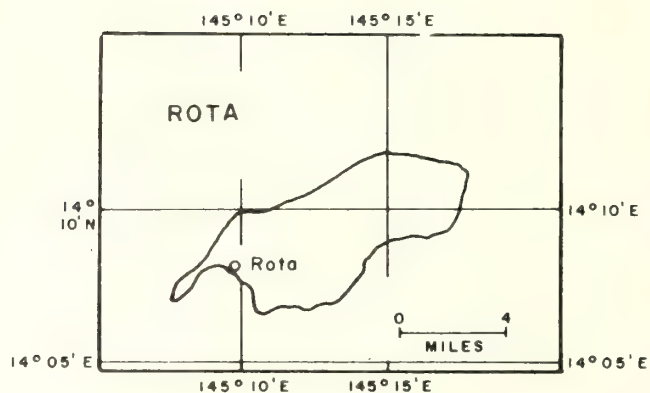
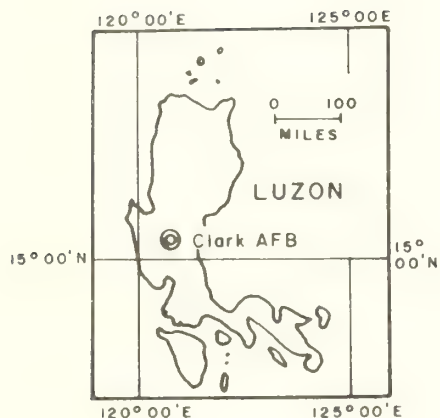
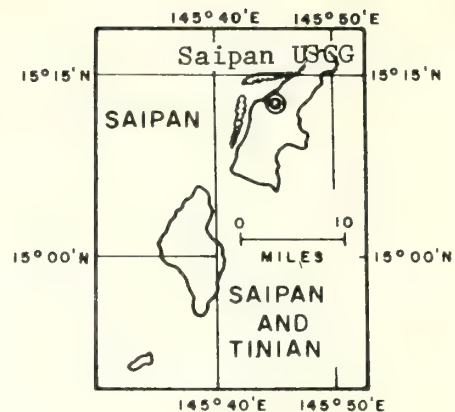
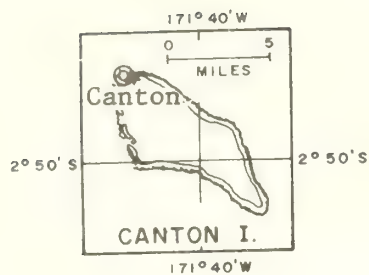
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

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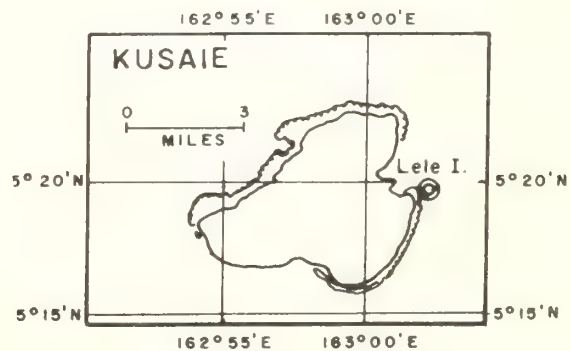
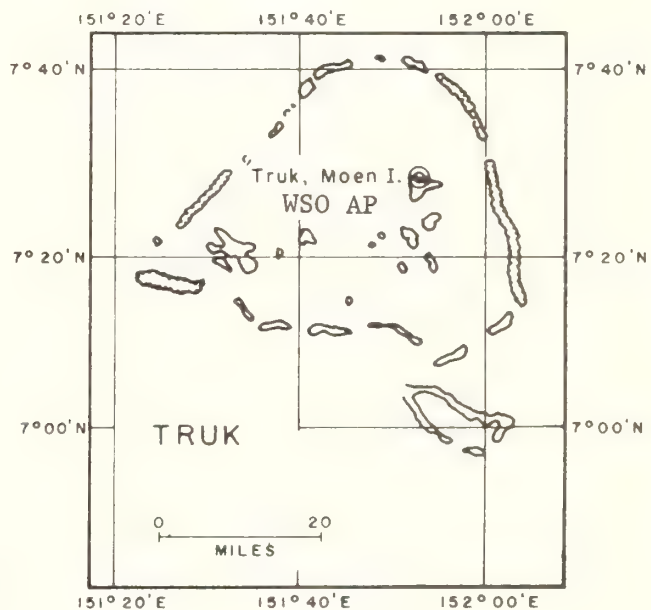
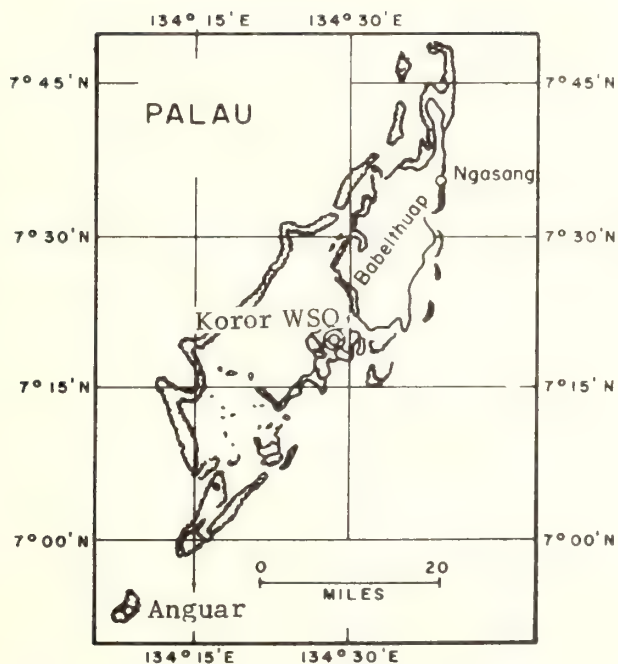
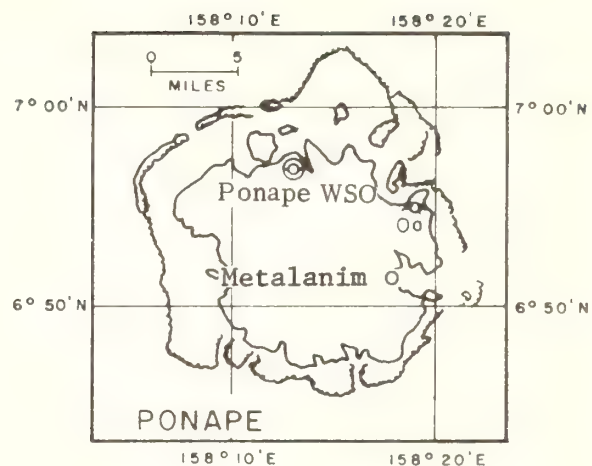
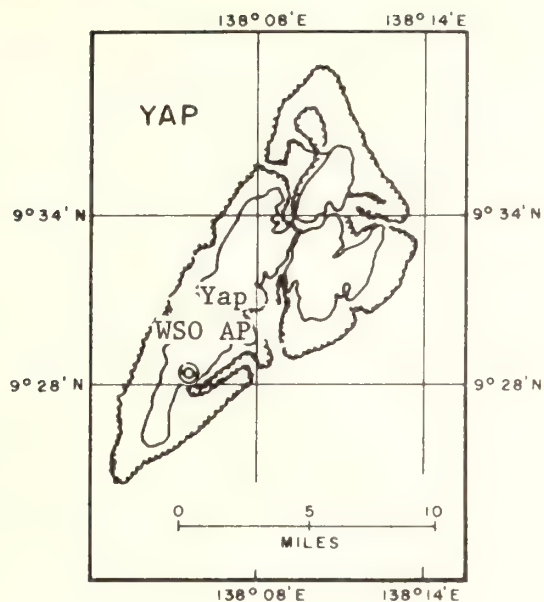




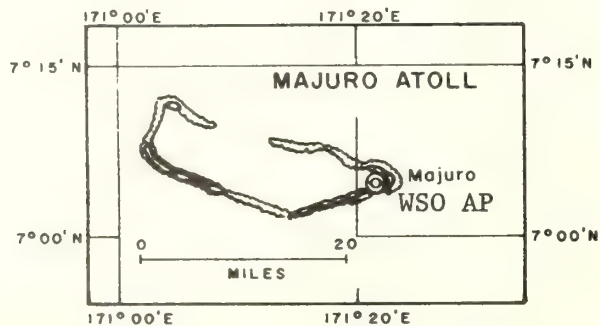
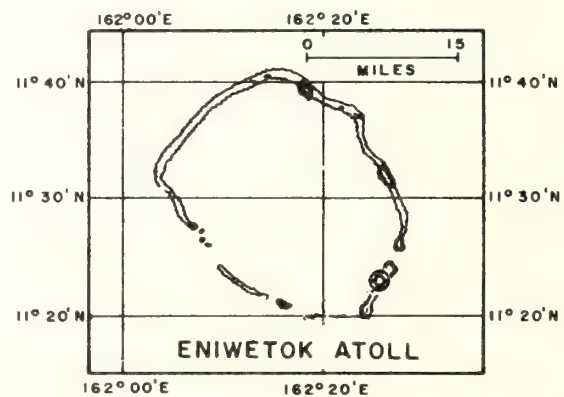
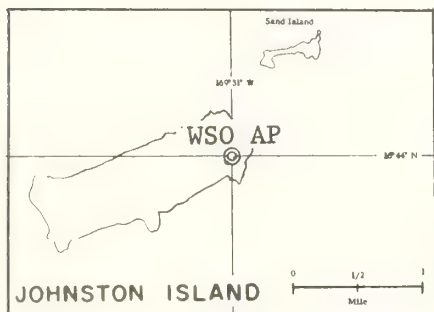
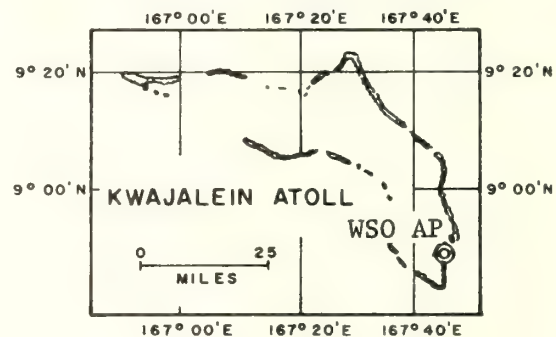
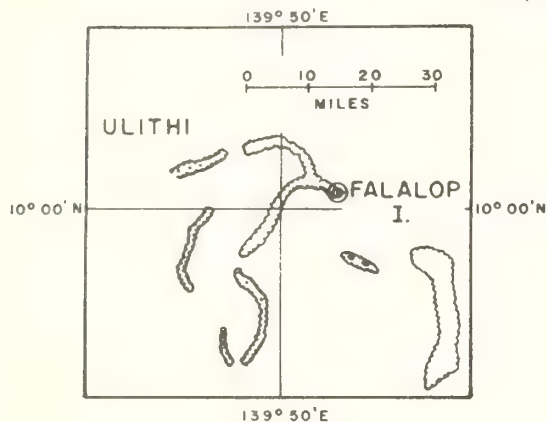
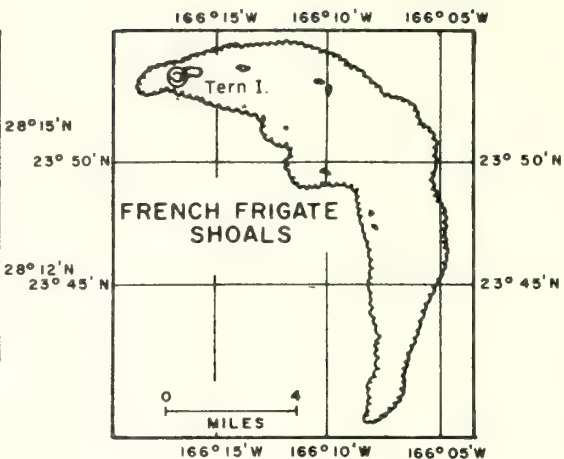
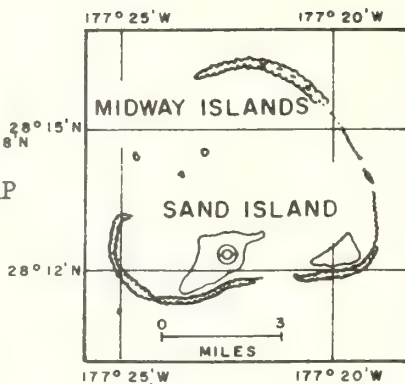
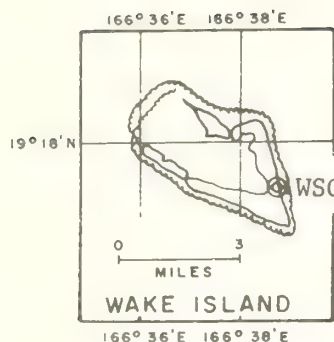




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Climatological Data



HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	LAHAINA 361	MAUI	88	DATE	07
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	28	DATE	27
GREATEST TOTAL PRECIPITATION:	PAHOA	KAUAI	13.40		
LEAST TOTAL PRECIPITATION:	17 STATIONS		.00		
GREATEST 1 DAY PRECIPITATION:	LIHUE VARIETY ST 10621	KAUAI	3.32	DATE	10

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME				TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
							GREENWICH CIVIL												
							12	18	00	06									
GUAM WSMO	-	-		26	E	14	-	79	77	87	1	9	11	1	2	1	25	66	7.9
HILO WSO 87 AP	22	1.4	6.2	16	E	23	83	79	67	82	5	6	14	3	1	0	29	35	6.4
HONOLULU WSO 703 AP	6	7.3	10.4	26	NE	29+	68	67	53	64	5	3	0	0	0	0	8	62	4.6
JOHNSTON WSO AP	8	18.5	19.3	35	E	23+	78	77	74	78	7	12	1	0	1	0	21	76	4.1
KAHULUI WSO 398 AP	5	8.6	11.0	31	E	31	74	76	54	67	7	3	0	0	0	0	10	75	3.6
KOROR WSO	8	3.6	7.1	24	SE	28	89	-	82	78	3	7	9	3	2	3	27	47	8.4
KWAJALEIN MISSILE RGN	-	-	-	26++	9	17	81	79	71	76	8	7	6	1	0	0	22	-	8.0
LIHUE WSO 1020.1 AP	5	7.4	10.2	22	NE	27+	82	81	67	78	3	11	4	1	0	0	19	63	5.5
MAJURO WSO AP	7	14.5	14.7	25	E	25+	82	83	77	80	4	7	9	1	0	0	21	55	9.2
PAGO PAGO WSO AP	8	4.8	9.6	50	S	11	88	86	75	85	2	7	7	6	3	3	28	26	8.7
PONAPE WSO	-	-	-	17	E	30+	82	-	79	79	1	8	9	7	1	2	28	14	9.3
TRUK MOEN I. WSO AP	6	9.6	10.6	28	NE	01	82	-	77	78	5	11	6	1	1	1	25	31	9.8
WAKE WSO AP	9	11.2	13.0	28	SE	10+	85	86	68	78	6	6	1	0	0	0	13	75	2.2
YAP WSO AP	9	7.1	8.5	26	SE	01	89	-	81	78	1	7	7	8	1	0	24	61	8.1

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801.

Samuel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL
DATA SERVICE / NATIONAL CLIMATIC CENTER
ASHEVILLE, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1976

STATION		TEMPERATURE										PRECIPITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1976

STATION		TEMPERATURE											PRECIPITATION											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS		
											MAX.	MIN.							TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	100 OR MORE
												30° OR ABOVE	32° OR ABOVE	32° OR BELOW										
HAWAII																								
KEALAKEKUA 2 28.7	A	78.6M	59.8M	69.2M		81	10	57	31	0	0	0	0	.96		.57	11	.0	0		3	1	0	
KONA (KAILUA) 68.3		M	M	M		85	21	64	30	0	0	0	0	.48		.0		.0	0		0	0	0	
KUKUIHAELE HIC 199														5.69	- 3.48	1.24	17	.0	0		11	4	2	
KULANI CAMP 79	A	61.7M	50.2M	56.0M		67	18	38	26	0	0	0	0	6.38		2.40	7	.0	0		14	3	1	
PAHALA 21		M	M	M		84	16	58	28	0	0	0	0	1.08		.34	2	.0	0			0	0	
POHAKULOA 107		A												.00		.00		.0	0		0	0	0	
PUUKOHOLA HEIAU 98.1	A																							
PUU WAAHAA 94.1														.09				.0	0		0	0	0	
SOUTH KONA 2.31																								
UNIKOA 118																								
WAIKOA SCD 88.2														11.63		2.86	9	.0	0		21	4	2	
ISLAND				65.9										4.16				.0						

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1976

STATION		TEMPERATURE										PRECIPITATION													
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET			NO. OF DAYS			
											32° OR ABOVE	32° OR BELOW	32° OR ABOVE	32° OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
PACIFIC																									
EAST OF 180TH MERIDIAN																									
CANTON ISLAND		89.3M	79.9M	84.6M		91	31+	76	24		0	0	0	4.80		2.28	15	.0	0		4	2	2		
FAJA ALI RESERVOIR											0	0	0	37.09		5.08	13	.0	0		24	19	12		
FA'ERASO VILLAGE		81.3	74.4	77.9	.3	83	5	70	9		0	0	0	1.85	- 1.54	1.37	9	.0	0		2	1	1		
JOHNSTON WSO AP		88.7M	80.7M	84.7M		93	23+	76	12+		15	0	0	28.90		5.52	11	.0	0		19	12	11		
LEONE																									
FRENCH FRIGATE SHOALS		78.6	68.6	73.6	.3	84	1	62	14		0	0	0	.50	- 4.35	.08	15+	.0	0		0	0	0		
MIDWAY SAND ISLAND																									
PAGO PAGO WSO AP		85.8	74.4	80.1	.1	90	30+	68	13		2	0	0	21.38	6.53	5.18	9	.0	0		19	12	6		
SWAIN ISLAND																									
WESTERN PACIFIC ISL. NORTH OF 12 N																									
ANDERSEN AFB GUAM		84.0	77.8	80.9	- 1.6	86	6	74	24		0	0	0	11.02	- 5.16	3.99	24	.0	0		13	5	4		
CLARK AFB LUZON		85.3	70.9	78.1	- .4	90	4+	66	22+		3	0	0	.66	- .72	.28	6	.0	0		2	0	0		
GUAM NAS																									
GUAM WSMJ		84.4	70.8	77.6	- .9	86	9+	64	6		0	0	0	8.91	3.06	2.72	24	.0	0		15	4	3		
MANGILAO														6.20		2.00	24	.0	0		9	4	2		
ROTA														3.41		1.49	27	.0	0		7	2	1		
SAIPAN LORAN		86.9	74.3	80.6		94	9	62	30		2	0	0	2.92		.58	22	.0	0		12	1	0		
WAKE WSO AP		84.2	73.9	79.1	.5	86	26+	71	24+		0	0	0	.64	- 1.09	.48	24	.0	0		1	0	0		
CAROLINE AND MARSHALL ISLANDS																									
ANGUJAR																									
ENIWEITAK		84.3	79.3	81.8	- .1	85	30+	77	28+		0	0	0	12.43	- 2.48	.56	28	.0	0		6	1	0		
FALALOP I. ULITHI														2.51	- .59			.0	0						
KAPINGAMARANGI ATOLL																									
KOROR WSO		87.4	75.8	81.6	.3	90	25+	74	31+		3	0	0	16.54	3.67	3.78	1	.0	0		17	8	5		
KWAJALEIN MISSILE RGN		85.4	77.6	81.5	- .1	87	16+	73	11		0	0	0	2.46	- 6.77	.70	22	.0	0		7	1	0		
LELE I. KUSAIE		88.9	75.5	82.2	.6	91	29+	72	2+		11	0	0	15.22	- 6.52	2.30	22	.0	0		15	8	6		
MAJURO WSO AP		84.5	75.7	80.1	- 1.0	86	18+	73	17		0	0	0	2.77	- 9.11	.50	17	.0	0		10	1	0		
METALANIM		85.9	79.9	82.9		89	29+	75	24		0	0	0	25.57		9.32	24	.0	0		16	11	6		
MOKIL ATOLL																									
NGASANG, BABELTHUAP																									
PONAPE WSO		86.0	75.5	80.8	.2	89	6	73	24+		0	0	0	13.48	- 2.47	2.99	15	.0	0		19	10	3		
SATAWAN ATOLL																									
TRUK, MOEN I. WSO AP		86.1	77.2	81.7	.4	88	20	74	7+		0	0	0	6.41	- 7.51	2.10	3	.0	0		9	3	2		
WOLEAI ATOLL																									
YAP WSO AP		86.6	73.5	80.1	- .9	88	19+	71	29+		0	0	0	9.97	.09	1.44	28	.0	0		16	9	1		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1976

STATION	TOTAL	DAY OF MONTH																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
HAWAII																																					
ISLAND OF KAUAI																																					
ANAHOLA 1114	A	.90			x	x	10	.12			05	x		03		13										x	x	x	23	25		02	x				
BRIDESWOOD STA 985	A	1.99			x	x	.10	55	13	01										x			.08	T			x	x	x	42	41	02	27	x			
EAST LAKE 934	A	3.27			x	x	.15	41	61	.03	1.05	x	x	02									T			x	x	x	51	45	T	04	x				
ELELE 927	A	.42			x	x	.04	17	07																	x	x	x	08	06							
HALEKUA 1110	A	1.18			x	x	.08				15	x	x	06		15										x	x	x	30	32		06	x				
HALENAHONA 1006	A	4.34				x	.04	92	.19		1.22	x		28		03		09									x	x	x	84	45		28	x			
HUKILO 945	A	.08																															38				
ILILIULA INTAKE 1050	A	5.28		.05	.03	x	x	32	98	71	.24	62	x	x	21	11	01	01	x		.12				x	x	x	x	.78	54	26	29	x				
INTAKE WAINIHA PC 1086	A	5.82				x	x	x	1.74	x		18	x	x	03	x		x	65	x	x	x	T		x	x	x	x	3	03	x	19	x				
KANALOHULU 1075	A	1.55	.02	.07	.04			.06	.04		09	.01		05			02	13											26	04	44	13					
KANEHA RESERVOIR 1092	A	5.21		.04	.05	x	x	.18	39	.03	04	1.50	x	x	.50	06	44			03	x		.13		.02	.02	x	x	x	.90	83		05	x			
KAPPA STABLES 1104	A	1.84			.01	x	x	.03	.46			46	x	x	05	16										x	x	x	.20	.44	01	02	x				
KEALA 1112	A	1.04		.04		x	x	.02	.15			10	x	x	04	12										x	x	x	14	43			x				
KEKAHA 944	A	.01																															01				
KILAUEA 1134	A	3.06	x	x	x		x	.65	40	x	x	52	x	x	x	x	04	x	x	x	x	x	x	x	x	x	x	x	28	90	05	x	17	05			
KILAUEA POINT 1133	A	1.56			.11			.02	.06		.52	T		10															.06	15	43	06	.01	02			
KILO 1033	A	.00																																			
KILOA 936	A	3.01			.03		x	.08	.52	.30	08	57	x	x		02														.09	04	.58	78	x			
KILOA LM (PMA) 940.1	A	1.10			.01		x	.11	.35	.02		08		.03		01														.09	04	.04	24	.05			
KILOA MAUKA 984	A	3.48	x	02	x		x	x	1.10	x	21	x	x	x		.80	x		10	x	x	01							x	x	x	88	x	34	x		
KUKULUA 935	A	2.43				x	x	.07	.25	.08		1.30	x	x	03		02													x	x	.36	10	02			
LIHUE VARIETY ST 10621	A	5.19				x	x	.11	.41	.08		3.32	x	x	07		08													x	x	.80	24	07	04	x	
LIHUE 1020	A	3.72			.04		x	.12	.28	.02		2.21	x	x	.07		05													x	x	.67	.20	06	x		
LIHUE WSO 1020.1 AP	A	2.19		.01	.03	T	T	.38	01		.73	03	01	03	01	T	08								01		.21	04	46		10	05					
MAKAHELI 985	A	.18						.06	.06	02																						02	01	01			
MAKA 1026	A	.00																																			
MAKAHELI UPD CROSS 1083	A	2.12		.08			.16	.24	.08	.08																				.25	.08	.08	.58		08		
MOLOKA 1145	A	1.15				x	x	.08						x	x		09		.33											.09	x	.4	.58	x	26	x	
MOUNT WAIKALE 1047	A	.00																																			
NIU RIDGE 1035	A	.00																																			
N WAILUA DITCH 1051	A	5.98	.02	.03	07	x	x	.19	1.09	.57	64	1.07	x	x	16	02	27		06	01	x		x	09					x	x	x	.76	45	29	.11	.08	
PK WAINIHA 1115	A	2.40		.05	.03		x	.30	.59	.47	T	1.11	x	x	03		16	T												x	x	x	90	16	01	07	x
PRINCEVILLE RANCH 1117	A	.08		.03	.04		x	x	.49	.65	12	1.03	x	x	11																						
PUEHU RIDGE 1040	A	.09																																			
PUNU 1013	A	1.05				x	x	.05	.36			08	x	x	12															x	x	.26	18			x	
WAINIHA 930	A	1.03				x	x	.08	.38	.11	T																			x	x	.24	22	T			
WAINI LOWER 1054	A	4.33	.03	.01	.01			.19	.67	.42	11	1.01	.29	05	03		10	01		.02	03									.27	.21	.21	.43	.07	16	01	
WAINI UPPER 1052	A	5.42	.01	01	.02			.15	.94	.63	18	1.27	19	.04	02		08	01		.04										.24	.27	14	.62	.09	.43	.04	
WAINIHA 943	A	.00																																			
WAILUA KAI 1065	A	3.08				x	x	.04	.38	02		1.78	x	x	10		18													x	x	.27	.29	02	x		
WAINIHA 947	A	.00																																			
WEST LAKE 931	A	1.69				x	x	.08	.44	.16	.01	.14	x	x	x	x	02													x	x	x	.38	.42	T	02	
ISLAND OF OAHU																																					
ALOWA STADIUM-HAWAII	A	.69			x	x	x	.02			.22			x	x	x	07	10		03	x	x	x	20	T		x	x	x	x	x	.05	04				
BECKETTIA PUMPING STA	A	.05																																			
B Y U LAKE 903.1	A	.50																																			
CAMPBELL IND PK 702.5	A	.09																																			
CAMP 84 807	A	.26							x	x	10	x	x	x	x	14	x		02	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
COCONUT ISLAND 840.1	A	.02	x		x	x	.17	.20	.01					x	07	01		02	13														.03		x		
EUA PLANTATION 741	A	.18						.02																													
HELEMANO INTAKE 881	A	.69			x	x	x	.08	x	x	.44																										
HONOLULU OBSERV 702.2	A	.04																																			
HONOLULU WSO 703 AP	A	.06						T																													
HONOLULU SUBSTA 704	A	.00																																			
KAENA POINT 841.3	A	.00																																			
KAHANA 883	A	6.18	x	x	x	x	x	.49	.21			x	x	x	5.21	x	x	x	x	x	x	x	x	40	x		x	x	x	x	x	x	x	x	x		
KAILUA FIRE STA 791.3	A	.24		.01	.02	.01		.06	.02	.01					.02	03																					
KALIHU RES SITE 777	A	2.22		.02	.02		.06	.08	.14			.64	02	02	.04		.06		.08																		
KANEHE MAUKA 781	A	1.11							16	10</																											

HAWAII AND PACIFIC
DECEMBER 1976SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1976

STATION	TOTAL	DAY OF MONTH																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KUKAIUA 222	7.85	.22	.03	.18	.12	.18		.19	1.15	T		.03	.49	.09				1.44	1.23	.01							.18	.05	1.91	.16	.12	.07		
KUKUHALE NIC 100	5.69	.07	.03	.05	.24	.17		.08	.14	.52		.20	.18	.09	.03			1.20	1.24								.28		.82	.12	.12	.04		
KUKUHALE MILL 206	4.22	.25	.10	.02			.29	.10	.21	.56		.05			.24			.83	.77										.62	.04	.02	.02		
KULANI CAMP 79	6.38	.03		.02			.01	.08	2.40	.84	.20	.02	.10	.02	.22	.20	.07	.19	.06	.04								.01	.12	.21	.11	.12	.31	.08
KULANI MAUKA 76	A .73						.35	.25																					.03	.05	.05			
KULANI SCHOOL SITE 78	4.24				.10								3.10							.70							.34							
LANIHAU 88.2	2.42						.31							.28				1.27												.23		.13		
MAKAHALAU 103	A .30																									.10		.10						
MAUKA 2	.10						.10																											
MAUNA KEA OBS 111.2	A .11						T	.06		.05																								
MAUNA LOA SLOPE OBS	.09									.02		.07																						
MIDDLE HOLUALOA 68.1	A .39														.17							.03									.19			
MIDDLE PEN 147.1	A .14																																	
MOULA 18	2.14											2.09											.05											
MOUNTAIN VIEW 91	10.67	.07		.13			.36	.08	1.24	.74	2.04		.77	.26	.09		.39	.30	.01					.56	.07	.04	.14	.15	.28	.24	.31	.51	.53	.21
NAALAEU 14	A 1.01							.02		.02		.06					.38	.16	T			.03	.22									.10		
NAPPOPOO 28	A .81																.62					.08										.11		
OKALA 223	5.07	.04	.01	.05	.17	.40		.39	.55	.05		.14	.20	.26		.02		.85	.65	T							.20	.09	.39	.05	.39	.06		
OPITHALE 2 24.1	A .53							.01									.14	.06																
ORCHID LAND EST 91.5	9.74			.72								5.25																						
PAUHAU 217	3.28	.29		.06	.03	.02	.03	.18	.24	.05		.08	.03				1.10	.13										.19	.78		.05	.02	.01	
PAUHAU 221	6.79	.08	.01	.23	.14	.05		.13	1.01	T		.01	.22	.09			1.35	1.24	T									.15	.03	1.62	.13	.05	.04	
PAUHAU 21	A 1.08			.34	.17		.03	.03							.04	.08	.02																	
PAUHAU 65	13.40	.05		.06		.68	.14	.77	.31	2.45		3.10	.03	.14		.78	.17	.16		.21	.64	.38					.56	.11	.09	.19	.27	.43	.36	
PAUHAU 37	A .14																																	
PAPAIOU 144.1	6.87			.02			.51	.21	.36	1.67		.57				.36	.01		.49	.19			.02	.70						.17	.22	.76	.52	.08
PAPAIOU MAUKA 140.1	A 9.31			.11			.46	1.00	.76	1.00		.31			1.25	.07		1.05	.12			.19	.81							.71	.18	.54	.64	
PISHOHA 89	13.06																																	
POHAKULOA 107	A .00																																	
PUU KIME 120	A .00																																	
PUUKOHOLA HEIAU 98.1	A .00																																	
PUU LAU 102.1	A .00																																	
PUU LEHUA 73	A .15																																	
PUU MALI 113	A .00																																	
PUU WAKAHA 94.1	A .09																					.05												
SADDLE ROAD 1 84	A 14.58		.28								7.20							2.60															2.55	
SOUTH KONA 2.31	A .80																																	
SOUTH POINT CORRAL 3	A .80																																	
UMIKOA 118	A .15																																	
UPULU POINT USCG 159.2	11.65						.09	.14	.07	.08		.17	T			.25		.04	T			.08									.23	T		
WAIKAKA SCD 88.2	11.63			.28		.47	.16	1.81	.45	2.86		.40	.46	.17		.46	.08		.89	.43	.15					.15	.46	.19	.23	.28	.38	.10	.03	
WAIKALOA-B015 CAS 95.8	.02																																	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1976

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
1 2 3 EAST OF 180TH MERIDIAN																																
CANTON ISLAND	4.80	17	06								.02	.13			2.10	2.28			.02		.02											
FAGA AFB, BEECHCRAFT	17.09	92	46	3.04	1.69	1.17	2.76	3.54	82	67	1.74	1.21	1.42	5.08	2.52	.58	.38	.06	.24	.45	.63	.07	.09	.68	.01	T		.17	1.63	.81	4.27	
FALALOP VILLAGE	1.89	04						03		1.37	T	.01			.02	.01	T	T		.02		T	.09	T	T			.03	.10	.07	.03	.01
JOHNSTON WSO AP	28.80	42	27	91	82	21	2.55	1.17	04	3.31	4.74	5.52	.02	.07	.07	.21			.08	.02	.01	.03	.06	.14	.15		2.54	3.00	1.06	.11	.57	.80
LEONE																																
FRENCH FRIGATE SHORES	50	04					03	.04			.08	.01		.02	.01	.08			.04	.02	.01	.02						.06		.04		
MIDWAY SAND ISLAND																																
PERO SAND WSO AP	21.38	77	1	21	27	.53	.61	2.68	.30	.12	5.18	1.51	2.81	.01	.05	T	.32		.10	.05			.02	.12	.02	.01	.83	1.88	.08	.40	.96	.64
SWAIN ISLAND																																
1 2 3 WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB, GUAM	11.51	01	19			08		T	01	08	10	T	18	.30	.24	.01	.20	.16	.70		1.35	.13	T	2.07	3.89	.07		1.01	.04	.05	.04	.08
CLARK AFB, HONOLULU	55	T	T	06		.28		.04	T							.03			.11		T									.02	.04	
GIAM NAS																																
GUAM WSO	8.51	01	07		05				10	05	02	T	.19	.16	.12	.13	.17	.18	.32	.19	1.12	.30	.08	1.74	2.72	.01		.81	.08	.07		.21
MANGILAO	6.20		02		03				15		.10	.02	.08	.47	.08		.18		.01	.04	.03	1.08	.03	.03	2.00	.60	.02	.72	.38	.08		
WATH	3.41	06				01				07	.02			.15	.25	.06					.10	.67					.03	1.48	.29	.21		
SAIDAN LORAN	2.82	13	27		02	12	11		15		.18		.07	.16									.58	.06	.06	.01		.03	1.48	.29	.21	.10
WAKE WSO AP	64			03	01				T	03	01	T					T			T		.39	.07	.48				.01	T			T
1 2 3 LORD, LINE AND MARSHALL ISLANDS																																
ANDREWS	12.43	5	8	2.81	14	06	8	3.44			8	47	06	.28	.10	.52	.21	.15	.02	.05	.10		.02	.03			.06	1.20	1.85	.52	.16	.08
ENJAYAK	2.51	02	07				.07				.02			.02		.25	.01		.38	.35			.45	.01				.96	.01	.28		
FALALOP I., ULITHI																																
KAPINGWANGI ATOLL																																
KOROK WSO	16.54	3.78	15	1.54		55	20	.40	T	2.14	T	.38	.50	T	.34	.03	.86	.02	.03	.08	.04		.01	.10		.02	1.23	3.14	.32	.44	.24	
KURABEIN MISSILE RON	2.46	02	01	T			.06	02	02	03	36	.23	T	T	T		.24	.23		.03	.11	.70	.40		T	T	T		T			
LEE I., KUSAIE	15.22		1.32	2.17	25	32	03	01	38		.05	.02	2.10	.02	1.85	.48	.03	.34	.01	.09	.46	2.30	.64	.08	.53	1.59	T		.11	T	.26	T
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.11	.03	.01	.34		.53	1.59	T		.26	
MAJAGA WSO AP	2.77	47	T		01	03	13	06			.10	.28	.03	T	.16		.06	.50	.34	T	.11	.1										

DAILY TEMPERATURES

HAWAII AND PACIFIC
DECEMBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
■ ■ ■																																	
ISLAND OF KAUAI																																	
KANALOHULU 1075	MAX MIN	61 41	61 52	66 50	60 47	66 56	66 55	63 57	65 55	67 46	67 55	67 52	67 46	64 50	63 54	66 40	64 44	63 43	63 42	65 43	66 39	65 40	67 43	63 58	66 56	65 55	60 54	65 52	63 51	60 44	60 44	65 44	64.4 48.7
KILAUEA POINT 1133	MAX MIN	81 66	76 68	79 68	79 69	81 68	81 70	78 70	79 71	79 72	81 71	82 72	81 70	86 71	85 69	80 68	85 67	81 69	86 70	85 69	86 68	86 71	83 70	82 69	83 68	80 67	84 68	84 71	83 70				82.0 69.6
KOLOA LN (MAK) 940-1	MAX MIN	83 64	81 65	82 67	82 68	82 68	82 68	82 71	80 71	81 70	83 70	82 68	82 70	84 70	85 66	79 69	79 68	79 67		84 67	84 67	83 69	84 68	84 70	84 70	79 69	79 69	80 70	79 72	80 71	81 73		81.7 68.7
LIHUE WSO 1020-1 AP	MAX MIN	81 61	81 67	81 66	80 63	80 68	80 71	80 73	80 73	81 70	80 72	80 72	80 71	80 68	78 70	79 71	79 65	79 63	80 65	79 65	79 64	80 67	80 65	81 69	80 69	81 72	78 69	82 73	77 72	78 72	79 73		79.6 68.6
MANA 1026	MAX MIN	79 63	80 64	83 64	84 62	84 61	82 63	83 67	85 66	84 66	85 65	80 63	81 64	83 65	82 60	84 60	83 61	81 62	80 59	82 62	85 62	83 63	84 63	85 63	86 66	83 64	82 63	80 66	85 64	83 61	84 61		82.7 63.1
NIU RIDGE 1035	MAX MIN	79 58	79 56	78 57	74 58		80 60	79 59	81 61	80 56				80 59	81 60	80 59	75 56	70 57	75 59		79 60	80 58	81 59	81 60	82 60	82 58	81 57	82 58	81 60	82 57	81 59		79.4 58.4
WAIKAI LOWER 1054	MAX MIN	79 54	81 57	85 57	78 56	79 57	74 63	74 67	77 65	78 62	77 65	74 63	78 62	79 61	76 60	75 60	77 56	77 56		78 57	79 58	78 54				79 56	78 55	79 55	78 63	73 62	73 64	77 62	77.1 59.2
■ ■ ■																																	
ISLAND OF OAHU																																	
ALOHA STADIUM-HALAWA	MAX MIN	80 66	83 65	82 67			82 67	80 68	81 67	81 65	81 68			82 65	81 68	81 67	75 67	80 67			81 65	82 63	81 66	82 65			84 67	78 68	80 71	81 71	82 71		80.9 67.0
B Y U LAIE 903-1	MAX MIN	80 62	79 63	80 65	80 65	79 66	80 67	79 66	80 70	82 72	81 71	80 70	81 69	79 66	80 69	79 70	79 62	80 61	80 62	79 61	80 63	81 64	81 65	81 69	81 70	81 71	82 71	80 71	79 70	80 70	80 72		80.2 67.2
EWA PLANTATION 741	MAX MIN	83 60	82 61	82 60			83 59	82 59	82 65	83 62	85 63			84 62	85 65	80 62	80 62			84 59	82 60	83 60	82 61			84 64	82 66	84 66	83 65				
HONOLULU WSO 703 AP	MAX MIN	86 64	82 61	84 64	85 64	83 67	84 70	84 73	84 70	87 66	86 73	83 72	83 70	85 65	82 68	82 66	82 63	81 63	81 63	80 62	80 62	82 64	81 65	83 66	84 69	84 72	82 67	82 71	84 70	83 72	83 70	83 70	83.1 67.4
HONOLULU SUBSTA 704	MAX MIN																																
KANEHE MAUKA 781	MAX MIN	78 67	82 65	78 66	80 67	78 68	76 69	75 71	75 69	76 68	79 71	80 69	78 68	78 69	75 68	79 66	76 66	78 66	81 65	81 65	80 68	81 68	81 69	78 70	80 69	78 69	80 70	77 69	77 69	78 69	78 70		78.3 68.4
MANDA LYON ARBORETUM	MAX MIN	80 60	82 59	79 63	79 63	80 64	77 66	75 68	76 68	80 68	82 69	80 69	78 68	78 68	83 65	73 65	79 63	83 61	84 61	80 61	83 61	81 65	82 66	82 68	79 67	80 67	83 66	74 65	79 66	79 66	79 66		79.6 65.1
OPAEULA 870	MAX MIN	82 63	79 62	79 62	80 61	79 64	80 65	79 66	79 66	79 62	80 61			80 62	79 61	80 64	80 65			84 57	82 57	83 61	82 62			80 67	72 66	75 66				79.8 62.8	
WAIJALEE 896-3	MAX MIN	76 64	76 69	78 68	79 69	77 69	78 68	78 70	76 69	79 69	80 70	79 72	78 70	79 67	80 66	82 70	77 64	74 65	80 65	79 65	80 66	80 65	80 67			74 64	80 71	79 67	78 66	79 70		78.3 67.4	
WAIJALUA 847	MAX MIN	78 58	79 62	77 59	82 60	81 61	79 62	80 66	79 65	83 58	82 61	82 62	80 62	81 61	86 62	79 62	79 57	82 58	80 60	79 58	82 56	82 57	82 59	83 60	81 64	85 58	84 56	80 61	80 61	80 62	79 60		80.7 60.1
WAIKIKI 717.2	MAX MIN	82 60	82 60	81 60	82 62	81 62	80 69	83 73	82 71	83 65	85 70	84 69	81 68	84 69	85 67	80 69	79 68	80 62	84 63	83 62	81 62	82 62	85 65	86 64	86 68	82 71	82 64	84 71	82 68	83 68	83 68	84 68	82.6 66.4
WAIMANALO EXP FARM	MAX MIN	78 61	80 65	78 60	81 59	79 65	78 69	78 71	79 70	78 70	79 72	80 71	80 70	80 71	79 67	80 66	79 66	82 62	80 64	79 61	80 62	80 67	80 67	81 69	80 71	80 69	80 71	80 69	80 71	81 70	81 71		79.6 67.3
■ ■ ■																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX MIN	79 63	77 65	78 65	79 64	81 62	81 62	82 69	81 68	84 64	86 67	85 66	81 67	81 64	80 68	80 67	80 62	82 62	82 58	81 59	82 59	81 63	82 62	82 62	81 66	83 61	81 68	83 67	83 69	83 67	85 68		81.6 64.6
■ ■ ■																																	
ISLAND OF LANAI																																	
LANAI AIRPORT 656	MAX MIN																																
LANAI CITY 672	MAX MIN	77 59		62 52			72 64	73 66	72 65	75 65	77 67			74 65	76 64	76 65	70 63	73 63			77 58	77 65	77 61	76 59	77 64			77 63	75 63	76 62			
■ ■ ■																																	
ISLAND OF MAUI																																	
HALEKALA RS 338	MAX MIN	63 42	65 44	67 41	66 42	63 41	63 40	62 43	59 38	63 43	64 43	63 44	66 44	68 43	66 38	63 39	57 38	64 39	63 39	61 36	59 38	62 40	64 42	62 45	59 42	63 41	60 43	61 41	57 41	59 35	60 42		62.1 40.9
HANA AIRPORT 355	MAX MIN																																
KAAHAPALI AP 453-1	MAX MIN	78 64	79 63	78 60	76 60	79 61	79 66	81 68	79 66	80 63	81 67	82 67	79 66	80 65	80 68	79 68	78 61	82 66	79 60	80 63	80 63	81 64	81 63	79 66	81 66	81 66	78 68	80 68	81 65	80 69			79.5 64.7
KAHULUI WSO 398 AP	MAX MIN	82 66	80 65	81 61	82 60	82 69	85 67	83 74	86 67	87 64	85 74	83 73	83 68	87 64	84 65	82 71	83 65	82 66	85 59	83 59	84 67	85 65	85 60	83 72	85 71	85 71	82 71	82 65	85 60	82 64			83.6 65.8
KAILUA 446	MAX MIN	78 63	84 62	75 62			75 60	76 65	74 66	75 67				77 65	77 65	76 54	75 63																
KEAWAKAPU BEACH 260-2	MAX MIN	83 65	84 65	82 59	81 59	82 60	85 62	82 65	86 62	84 63	85 66	86 63	84 59	84 60	82 63	83 67	86 61	85 64	84 60	82 61	85 65	84 64	82 61	82 63	81 60	82 61	82 61	80 60	83 58	83 58	85 60		83.5 61.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

HAWAII AND PACIFIC
DECEMBER 1976

STATION		DAY OF MONTH																															AVERAGE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																		
KULA SANATORIUM 267	MAX MIN	72 53	72 52	68 53	67 53	68 54	69 57	72 58	73 58	73 57	74 58	73 58	70 54	70 55	71 58	74 59	72 52	70 50	75 51	71 52	70 52	73 53	72 56	72 54	71 55	71 57	73 54	72 54	71 57	72 54	73 53	72 54	71.5 54.7	
LAHAINA 361	MAX MIN	83 61	81 65	85 61	84 62	84 63	81 68	88 68	84 65	85 65	86 67	84 64	84 63	86 65	85 64	85 64	85 63	85 62	83 66	82 63	85 64	83 65	85 65	86 64	84 66	84 63	86 64	83 63	85 63	85 64	84 63	82 64	84.3 64.1	
WAILUKU 386	MAX MIN	77 62	79 62	75 63			77 64	80 70	78 70	77 68	81 72			80 68	83 68	81 68	79 70	78 65			80 62	78 62	81 73	82 73	80 71				80 61	78 69	79			
• • •																																		
ISLAND OF HAWAII																																		
HAWAII VOLCNS NP HQ 54	MAX MIN	70 50	67 52	68 48	70 45	69 51	68 49	65 40	67 53	68 55	66 55	69 54	68 51	67 55	67 53		68 52	63 51		66 44	69 46	70 45	65 49	68 51	69 50	69 52	60 48	67 52	61 50	63 51		64 47	66.8 50.0	
HILO WSO 87 AP	MAX MIN	80 68	81 65	79 65	81 64	80 66	82 66	81 69	84 70	81 71	82 70	80 67	82 64	83 70	84 68	80 64	80 68	78 68	81 62	82 61	82 62	83 63	82 63	79 64	80 63	81 63	81 64	79 64	79 64	81 62	80 63	81.0 65.4		
KAINALIU 73.2	MAX MIN	77 55	76 55	77 57	77 55	78 57	78 60	79 60	79 60	78 61	79 59	77 62	77 60	77 58	79 59	78 59	77 59	79 59	81 59	78 56	76 55	78 58	76 56	75 58	77 59	78 60	77 58	77 58	72 58	78 56	76 54	75 55	77.4 57.8	
KAMUELA 192.2	MAX MIN	75 50	76 49	76 49			77 44	71 61	69 60	71 61	71 61			72 51	77 51	79 60	69 60	65 49																
KAPOHO BEACH 93.11	MAX MIN																																	
KEAAU 92	MAX MIN	80 64	78 64	79 63	78 62	78 62	79 62	79 65	77 67	79 67	77 68	79 68	76 62	79 62	80 67	81 64	80 66	76 62	76 62	78 61	79 61	78 63	80 63	81 62	78 63	79 63	78 62	81 63	77 62	77 63	77 61	78 61	78.5 63.5	
KEALAKEKUA 2 28.7	MAX MIN	78 58	77 55	78 58		80 59	79 60	81 60	81 60	79 61	81 62		79 62	79 60	80 62	79 61	80 61		75 59	77 60	79 60	77 58	76 60	79 59		78 62	79 60	76 62	79 57	78 57	78.6 59.8			
KOHALA MISSION 175.1	MAX MIN	78 63	77 63	77 61	78 61	76 63	77 65	76 67	76 66	78 68	77 68	76 67	75 66	75 67	77 65	80 66	77 68	73 61	78 62	78 60	76 60	78 62	80 65	77 65	78 66	75 68	77 64	78 67	75 64	74 65	75 64	76 66	76.7 64.6	
KONA (KAILUA) 68.3	MAX MIN	81 69	81 68	82 68		84 65	84 68	83 68	85 70	83 70			84 67	83 67	85 68	82 69	83 69			84 65	85 65	83 68	82 68						83 66	81 67	81 64			
KULANI CAMP 79	MAX MIN	63 47	62 45	65 50	62 50	61 53	61 51	60 56	60 59	65 58	64 59	61 48	60 51	63 43	63 47	63 56	66 63		67 59		63 60	65 65	59 47	64 39	64 38	64 38	51 38	59 42	62 49	57 42	57 41	57 50	61.7 50.2	
MAUNA LOA SLOPE OBS	MAX MIN	51 38	55 37	54 35	53 39	51 36	46 36	46 34	47 34	43 32	44 33	46 34	54 31	51 38	52 38	53 34	53 37	52 35		48 31	51 29	48 34	52 35	52 36	49 34	49 32	49 32	48 28	44 31	47 31	45 30	47 34	49.4 34.0	
MOUNTAIN VIEW 91	MAX MIN	77 61	75 59	76 58	77 56	77 56	77 58	73 61	73 63	76 63	72 64	77 62	76 58	76 58	73 62	79 59	75 61	70 62	69 57		76 54	76 54	73 56	74 56	76 58	74 59	76 56	76 56	76 56	72 56	72 55	75 55	74.7 58.3	
NAALEHU 14	MAX MIN	79 63	80 63	79 65		80 61	81 69	83 69	82 68	81 69			81 61	78 64	80 65		78 68			80 62	80 65		79 65				79 62		82 54					
OOKALA 223	MAX MIN	79 65	74 65	75 65	74 64	79 62	78 65	78 67	74 67	78 67	74 62	72 60	75 66	77 66	78 66	79 66	80 66	71 64	77 64	79 63	78 63	78 63	82 63	77 64	79 66	78 65	76 65	79 65	77 64	76 63	76 64	76.9 64.6		
OPIHIHALE 2 24.1	MAX MIN	73 55	75 54	76 53	80 53	80 55	80 56	80 56	79 57	80 57	80 59	76 59	77 56	81 56	80 50	79 56	80 56	74 55		77 53	79 54	80 56	77 56	73 55	77 55	79 57	76 55	77 57	78 54	77 55	78 53	77.9 55.4		
PAHALA 21	MAX MIN	80 61	80 62	78 60		79 58	81 63	80 63	81 63	79 64			82 60	76 63	79 61	84 62	80 63			79 58	79 65		79 61	77 61				75 59	81 58	79 62				
PUUKOHOLA HEIAU 98.1	MAX MIN																																	
SOUTH KONA 2.31	MAX MIN																																	
UPOLU POINT USCG 159.2	MAX MIN	81 68	80 68	79 67	79 67	79 66	79 66	81 71	81 68	80 69	80 70	80 70	78 69	80 68	81 69	82 70	80 70	78 68	81 67		84 66	80 67	82 67	82 64	81 58	81 69	80 70	80 67	81 70	80 66	80 65	79 64	80 67	80.3 67.8

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DAILY TEMPERATURES

HAWAII AND PACIFIC
DECEMBER 1976

STATION		DAY OF MONTH																															AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX MIN	90 79	90 80	91 82	90 81	91 81	90 81	90 81	90 82	91 81	87 82		90 83	91 77	79 77	90 78	90 80	90 79	88 79	90 79	90 80	88 79	89 79	88 76	89 78	89 80	89 80	89 79	90 81	90 82	91 82	89.3 79.9	
JOHNSTON WSO AP	MAX MIN	80 73	81 75	82 75	81 73	83 77	81 76	82 74	82 76	78 70	80 74	81 75	81 76	81 75	82 74	82 75	82 76	82 75	82 73	82 76	82 77	82 75	81 74	81 74	82 75	82 73	82 74	81 71	81 71	81 75	81 74	81.3 74.4	
LEONE	MAX MIN	88 76	89 79	89 84	86 81	88 77	81 79	82 79	87 79	80 77	84 77	87 79	86 76	91 83	93 82	91 82	90 78	89 82	92 85	91 87	91 84	91 82	93 87	92 86	92 86	91 86	91 87	87 81	89 78	92 83	89 79	88.7 80.7	
FRENCH FRIGATE SHOALS	MAX MIN	84 64	81 67	82 68	80 70	81 69	83 69	80 70	80 71	80 67	77 69	79 68	83 67	80 72	82 62	74 66	77 68	80 70	72 65	74 67	74 70	74 71	75 71	81 75	77 68	78 68	80 69	78 67	78 69	80 70	74 71	74 70	78.6 68.6
MIDWAY SAND ISLAND	MAX MIN																																
PAGO PAGO WSO AP	MAX MIN	86 74	86 74	85 73	85 74	85 73	81 74	82 76	84 78	81 76	83 74	83 72	84 70	85 68	87 69	87 73	88 75	85 71	87 70	86 79	86 79	88 81	88 79	89 75	90 76	89 74	87 77	86 74	85 74	85 76	90 74	88 75	85.8 74.4
SWAIN ISLAND	MAX MIN																																
■ ■ ■																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX MIN	84 79	83 79	83 79	83 79	82 76	86 76	85 78	85 78	85 78	84 77	84 79	84 76	83 76	83 77	83 80	85 79	84 78	85 76	85 77	84 77	84 78	84 80	83 76	84 74	84 78	84 79	85 77	84 78	84 79	85 79	84 79	84.0 77.8
CLARK AFB LUZON	MAX MIN	84 75	90 70	90 70	90 75	86 75	79 70	81 70	84 70	81 66	84 66	82 70	86 70	88 72	86 73	86 72	88 73	86 73	82 73	86 72	84 68	86 70	88 66	88 68	88 72	88 70	88 70	86 72	84 72	84 70	81 72	81 72	85.3 70.9
GUAM NAS	MAX MIN																																
GUAM WSMO	MAX MIN	85 74	85 70	84 70	85 74	84 69	85 64	86 68	85 69	86 67	85 71	85 74	85 70	84 72	84 68	82 70	84 69	83 70	84 72	84 72	84 72	84 72	83 72	85 72	85 71	85 69	84 74	83 72	84 71	84 73	85 73	84 72	84.4 70.8
SAIPAN LORAN	MAX MIN	87 78	88 78	86 77	87 76	89 76	88 73	87 68	86 75	94 72	86 76	87 76	87 75	87 75	86 78	87 78	87 77	90 74	88 70	88 75	84 76	87 72	86 75	85 78	87 71	87 69	87 70	87 75	86 75	85 76	87 72	86 77	86.9 74.3
WAKE WSO AP	MAX MIN	84 75	84 75	84 75	84 75	85 73	86 76	85 75	84 72	84 75	85 75	85 76	85 76	84 75	84 75	84 74	84 73	83 73	84 75	84 75	84 74	84 72	82 71	83 72	83 71	86 75	86 72	85 75	85 74	85 72	84 72	84 72	84.2 73.9
■ ■ ■																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETAK	MAX MIN	84 81	85 78	84 80	85 79	85 80	85 80	85 79	85 79	83 80	84 79	85 80	85 80	83 80	83 79	85 80	85 79	85 80	85 79	83 80	83 80	84 80	85 79	84 77	84 79	84 80	84 79	83 80	85 77	84 79	85 79	83 78	84.3 79.3
FALALOP I. ULITHI	MAX MIN																																
KAPINGAMARANGI ATOLL	MAX MIN																																
KOROR WSO	MAX MIN	80 75	86 76	82 75	90 79	88 77	89 78	85 76	89 77	89 75	89 76	88 75	88 75	90 75	88 76	88 75	85 75	87 77	89 77	89 76	89 74	89 76	89 74	88 76	88 77	88 76	87 75	87 75	87 74	87 75	87 74	87 74	87.4 75.8
KWAJALEIN MISSILE RGN	MAX MIN	86 77	86 79	86 79	85 79	85 78	85 77	86 77	86 76	85 77	85 74	86 73	86 78	85 78	87 80	87 80	87 79	86 76	83 77	85 79	86 78	85 76	84 74	85 75	85 78	85 79	85 79	85 78	85 78	85 79	86 79	86 79	85.4 77.6
LELE I. KUSAIE	MAX MIN	88 72	88 72	91 74	89 73	89 75	89 76	90 77	89 77	90 76	90 77	88 76	88 77	88 74	86 74	87 75	88 77	89 77	90 77	91 76	88 74	86 75	86 75	89 74	87 78	88 74	90 74	91 74	89 78	91 76	89 77	90 78	88.9 75.5
MAJURO WSO AP	MAX MIN	84 75	85 75	85 78	85 77	85 76	86 75	85 78	84 77	85 75	85 74	85 75	84 75	85 76	85 76	84 75	84 76	83 75	86 73	86 75	84 75	85 75	85 75	84 75	85 75	84 75	84 75	83 75	84 75	84 75	85 75	85 75	84.5 75.7
METALANIM	MAX MIN	85 81	86 81	89 81	87 80	85 80	85 81	85 80	84 80	85 80	87 80	86 80	89 80	85 81	86 80	84 80	84 79	86 79	85 80	84 79	86 79	85 80	87 82	85 79	85 75	80 76	88 78	85 80	87 82	89 85	88 79	88 80	85.9 79.9
PONAPE WSO	MAX MIN	88 75	88 74	87 76	85 75	88 74	89 74	87 78	87 76	87 78	84 75	86 76	86 75	88 77	87 77	82 73	83 74	88 78	88 75	88 73	87 73	87 77	86 75	85 75	83 73	79 75	79 74	86 77	88 76	88 77	87 77	87 77	86.0 75.5
SATAWAN ATOLL	MAX MIN																																
TRUK. MOEN I. WSO AP	MAX MIN	86 77	86 76	86 74	86 77	87 79	87 78	86 74	86 79	86 79	87 79	86 77	87 79	86 77	86 75	83 75	86 77	86 78	86 79	84 77	88 77	87 77	86 79	86 77	87 77	86 79	87 77	87 77	86 75	87 77	87 77	85 77	86.1 77.2
WOLEAI ATOLL	MAX MIN																																
YAP WSO AP	MAX MIN	85 74	84 74	86 72	86 72	88 72	87 75	86 72	85 74	86 74	88 74	88 72	88 73	88 74	88 75	87 75	86 72	86 76	87 74	88 74	87 75	87 71	87 72	86 74	87 74	87 75	85 74	85 72	86 71	87 74	86 75	86 75	86.6 73.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
DECEMBER 1976

STATION	DAY OF MONTH																															TOTAL OR AVG.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAWAII																																	
ISLAND OF KAUAI																																	
(HUE WSO 1020-1 AP	EVAP	.22	.17	.33	.24	.25	.08	.22	.30	.22	.26	.24	.28	.15	.25	.07	.30	.30	.10	.13	.17	.20	.19	.14	.24	.21	.16	.21	.19	.24	.31	.25	6.62
	WIND	85	68	104	107	83	153	226	247	134	91	162	176	174	70	87	198	150	67	84	73	63	77	70	53	220	172	142	226	217	256	243	4288
	MAX	81	82	83	82	80	81	81	82	84	86	83	82	81	86	80	79	80	80	79	81	82	82	83	87	80	81	82	80	80	80	81	81.6
	MIN	61	59	59	62	64	65	70	68	63	67	67	66	66	65	65	63	62	61	61	61	61	61	61	67	66	66	66	65	65	66	66	64.0
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.26	.24	.20	.20	.25	.15	.23	.21	.30	.15	.23	.30	.22	.19	.11	.15	.30	.23	.23	.17	.30	.20	.24	.25	.32	.30	.30	.20	.32	.30	.33	7.38
	WIND	37	34	22	18	22	21	37	27	24	19	24	31	27	26	19	35	28	23	18	23	21	21	19	31	41	35	27	37	43	40	32	862
	MAX	85	82	76	83	82	80	85	83	86	81	85	84	85	86	78	81	83	86	85	85	85	86	87	85	84	84	85	79	84	84	85	83.7
	MIN	62	61	63	63	64	65	66	64	64	65	65	64	64	64	65	64	62	63	62	63	63	62	63	65	64	63	61	64	64	64	65	63.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

HAWAII AND PACIFIC
DECEMBER 1976

STATION		DAY OF MONTH																															TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
■ ■ ■ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO RP	EVAP	.29	.26	.27	.30	.38	.33	.29	.28	.23	.32	.30	.31	.27	.24	.27	.27	.30	.31	.24	.33	.27	.30	.21	.19	.19	.13	.33	.33	.37	.40	.31	8.82
	WIND	176	195	183	182	203	228	208	216	243	296	280	246	205	161	250	229	182	217	160	156	195	189	247	293	271	240	255	248	293	292	270	7009
	MAX	83	82	84	82	82	80	83	82	79	81	82	83	84	84	83	83	83	84	87	85	85	84	80	82	83	83	81	81	79	81	84	82.5
	MIN	69	69	66	68	69	67	69	70	69	67	69	69	68	68	62	68	69	68	69	66	68	68	71	72	72	72	68	66	68	66	67	68.3
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSMO	EVAP	.21	.28	.21	.24	.24	.26	.24	.17	.21	.22	.15	.32	.16	.20	.21	.17	.18	.15	.22	.28	.11	.15	.20	-	.17	.19	.29	.22	.20	.28	.22	6.568
	WIND	169	186	147	136	52	59	81	103	109	111	177	169	166	168	201	207	146	156	133	180	188	187	141	92	75	95	146	118	186	183	173	4440
	MAX	79	80	81	85	82	84	85	84	84	84	82	82	82	81	86	80	81	83	83	81	81	81	84	87	83	83	81	84	81	83	82	82.5
	MIN	77	77	65	66	66	64	64	67	66	66	67	66	68	68	68	69	63	68	67	68	70	69	68	67	66	67	68	67	68	66	67	67.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A 0145	01	KAWAIIHAW	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A 0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWA 934	A 0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
ELEELE 927	A 0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A 0935	01	KAWAIIHAW	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAO 1006	A 1038	02	LIHUE	2	21 58	159 26	490					LIHUE PLANTATION CO
HANALETI TUNNEL 1053	A 1170	01	KAWAIIHAW	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILILIULA INTAKE 1050	A 2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALETI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	7A	7A		C	STATE DIVISION OF PARKS
KANEHA RESERVOIR 1092	A 3104	01	KAWAIIHAW	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A 3159	01	KAWAIIHAW	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A 3982	01	KAWAIIHAW	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A 4561	01	HANALETI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA POINT 1133	4568	01	HANALETI	1	22 14	159 24	180	8A	8A			MELVALEIGH SEILLEMAKER
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A 4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA LN (MAK) 940.1	4748	02	KAUAI	2	21 52	159 27	52	AOZ	AOZ			AUSCG LORAN STATION
KOLOA MAUKA 994	A 4750	02	KOLOA	2	21 57	159 29	640		7A			MCBRYDE SUGAR COMPANY
KUKUIULA 935	A 4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY ST 10621A	5560	02	LIHUE	2	22 01	159 23	380		7A		C	LIHUE PLANTATION CO LTD
LIHUE 1020	A 5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R 5580	02	LIHUE	2	21 59	159 21	103	MID	MID	MID	J	NATL WEATHER SERVICE
MAKAWELI 965	A 5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
MOHIHI UPR CROSS 1083	A 6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A 6529	01	KAWAIIHAW	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R 6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A 6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A 6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALETI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALETI	1	22 13	159 29	295		9A		C	PRINCEVILLE RANCH INC
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		8A			KEKAHA SUGAR CO LTD
PUHI 1013	A 8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO LTD
WAIKAWA 930	A 8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIKAWA LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIKAWA UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIKAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A 9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWA 931	A 9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHIIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
ALOHA STADIUM-HALAWA	0172	03	OAHU	3	21 23	157 56	40	8A	8A			ALOHA STADIUM
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
B Y U LAIE 903.1	0240	01	KOOLAUPOKO	1	21 39	157 56	20	12M	12M			B Y U-HAWAII CAMPUS
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A 0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J. L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	5	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A 1384	05	WAILUA	5	21 33	158 00	1274		WI		C	WAILUA SUGAR CO. INC.
HOKULOA 725.2	A 1540	03	EWA	3	21 24	158 06	2220				C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		NATIONAL WEATHER SERV
*HONOLULU WSO 703 AP	R 1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R 1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
KAAIAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAILUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A 2462	01	KOOLAUPOKO	1	21 31	157 54	800		WI			WAILUA WTR CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
KAHUKU 912	A 2570	01	KOOLAULOA	1	21 41	157 59	25				C	KIULIMA HOTEL
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R 2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOME MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	325	7A	7A			STATE HOSPITAL
KAPALAMA 773	A 3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A 3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A 4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A 4766	05	WAIHAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LULUKU 781.7	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	NATIONAL WEATHER SERV
MAKAHA KAI 796.1	A 5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A 5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAKILO 730.1	5789	03	OAHU	3	21 21	158 06	300		6A			NEAL ADAMS
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA LYON ARBORETUM	6128	02	OAHU	2	21 20	157 48	500	8A	8A			LYON ARBORETUM
MANOA TUNNEL 2 716	R 6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUVANU RESERV 5 775	A 6933	02	HONOLULU	2	21 21	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A 7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PAIKO DR 723.4	7540	02	HONOLULU	2	21 17	157 44	10		7A			D L GRUBB
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R 7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R 7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	MRS DAVID DELAO
PUNCHBOWL CRATER 709	A 8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
SEA LIFE PARK 724.14	8665	01	OAHU	1	21 19	157 40	40				C	SEA LIFE PARK
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	NATIONAL WEATHER SERV
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A 8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAIHAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAIHAWA DAM 863	A 8945	05	WAIHAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIHOLE 837	A 8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A 9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A 9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIHAWA 836	A 9261	03	EWA	3	21 28	157 56	800		MO			WAIHOLE WTR CO LTD
WAIKANE 885	A 9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO	1	21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMER 892	A 9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A 9738	03	EWA	3	21 23	158 01	59		8A			WAIHOLE WATER COMPANY
WILHELMINA RISE 721	R 9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563	A 2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A 4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A 4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAUNALO 511	A 6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	MOLOKAI RANCH COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUU O HOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUU O HOKU RANCH
WAIKOLU 540	A 9404	01	MOLOKAI	1	21 08	156 55	3550		WI			MOLOKAI RANCH COMPANY
ISLAND OF LANAI												
KANEPUU 690	A 3130	01	LAHAINA	1	20 52	157 00	1650		WI			LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI AIRPORT 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A 5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A		C	DOLE COMPANY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF LANAI												
LANAIHALE 684	A 5301	01	LAHAINA	1	20 49	156 53	3370		WI			U S D A
MAHANA 694	A 5704	01	LAHAINA	1	20 52	156 55	1430		MO			U S D A
MALAEUA 676	A 6012	01	LAHAINA	1	20 46	156 55	1150		WI			LANAI COMPANY
WAIKAEKUA 685	A 9021	01	LAHAINA	1	20 47	156 52	2000		WM			KOELE COMPANY
ISLAND OF MAUI												
AUWAHI 252	A 0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
HAELAAU 477	A 0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HALEAKALA B E S 434	A 0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A 0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	A 1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALIIMAILE 423	A 1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	A 1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A 1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	A 1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HOLUA CABIN 259.5	A 1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHU 480	A 1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHU 493	A 1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	A 1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A 1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	A 2208	03	WAILUKU	3	20 53	156 33	1080				C	STATE DIVISION OF PARKS
KAAHAPALI AP 453.1	A 2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHOMA INTAKE 374	A 2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R 2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILILI 436	A 2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	A 2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUULA INTAKE 375	A 3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	A 3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	A 3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A 4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	A 4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A		C	ALLEN L CARELL
KIHEI 311	A 4489	03	WAILUKU	3	20 47	156 27	90		7A			HAWAIIAN COM & SUG CO
KIPAHULU 258	A 4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH-KIPAHULU SEC
KUIAHA EXP STN	A 4840	01	MAUI	1	20 54	156 18	920				C	U H AGRICULTURE EXP STN
KUKUI 380	A 4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	A 5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	A 5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	A 5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A 5404	04	LAHAINA	4	20 51	156 37	1280		WI			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	A 5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A 5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A 5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	A 6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A 6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A 7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OWALU 296	A 7059	04	LAHAINA	4	20 49	156 38	7		7A			PIONEER MILL CO LTD
PAAKEA 350	A 7194	01	HANA	1	20 49	156 07	1260		VAR		C	E MAUI IRR CO LTD
PAIA 406	A 7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A 7674	02	HANA	2	20 41	156 08	3570		MO			KAUPO RANCH CO.
PEAHI 488.6	A 7952	01	MAUI	1	20 54	156 17	830		9A			BERNARD RUPLINGER
POHAKEA BRIDGE 307.2	A 8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	A 8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A 8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	A 8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A 8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	A 8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A 8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A 8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A 8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	A 8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A 8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIHEU CAMP 484	A 9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A 9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A 9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A 9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A 9376	03	WAILUKU	3	20 51	156 31	370		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A 9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1976

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER	
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)		
ISLAND OF MAUI														
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY	
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO	
ISLAND OF HAWAII														
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH	
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK	
HAUNA 214		0840	01	HAMAKUA	1	20 06	155 28	461		8A			HONOKAA SUGAR CO	
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO	
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		M0			HAWAII NAT PARK	
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		M0			KUKAIAU RANCH CO	
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		M0			MAUNA KEA OBSERVATORY	
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HA VOLCANOES NAT PK HQS	
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	580		6A		C	K L BOND	
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1600		7A		C	REX WILLS II	
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID		C	J NATL WEATHER SERVICE	
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		M0			STATE DIV OF FORESTRY	
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO	
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA	
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO	
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO	
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		M0			STATE DIV OF FORESTRY	
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		M0			STATE DIV OF FORESTRY	
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH	
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340					KAU SUGAR COMPANY, INC	
KAAHALOA 29	A	2327	04	SOUTH KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.	
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH	
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA	
KALAOA 69.22		2887	04	HAWAII	4	19 44	155 59	2000		8A			FLOYD W MC COY	
KALAPANA 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK	
KAMAHA 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			PARKER RCH-KAPAPALA DIV	
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH	
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			PARKER RCH-KAPAPALA DIV	
KAPOHO BEACH 93.11		3368	02	HAWAII	2	19 30	154 49	12	8A	8A			H E MC NICHOLS	
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS	
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO	
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO	
KEAIIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC	
KEALAKEKUA 2 28.7		3980	04	S KONA	4	19 30	155 55	1450	8A	8A			MRS LILAH MEIER	
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY	
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		M0			STATE DIV OF FORESTRY	
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.	
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND	
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO	
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL	
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL	
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO	
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO	
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO	
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER	
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		VAR			MAUNA LOA OBS.	
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER	
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES	
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION	
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS	
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH	
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS	
MAUNA KEA OBS 111.2		6183	02	HAWAII	3	19 49	155 28	3770		7P			MAUNA KEA OBSERVATORY	
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	1150	9A	9A			MAUNA LOA OBSERVATORY	
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	500		7A			CAPT COOK CATTLE CO	
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH	
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600					PARKER RCH-KAPAPALA DIV	
MOUNTAIN VIEW 91	A	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO	
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY	
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA	
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO	
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MRS LORMA TRUMAN	
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
PAAUHAI 217	7204	01	HAMAKUA	1	20 05	155 26	415		8A		C	HONOKAA SUGAR COMPANY
PAAJULO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A 7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A 7643	03	KAU	3	19 22	155 28	5000		MO			PARKER RCH-KAPAPALA DIV
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	260		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A 8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A 8063	02	HAMAKUA	2	19 45	155 32	6511		WI		C	STATE DIVISION OF PARKS
PUU KIHÉ 120	A 8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUUKOHOLA HEIAU 98.1	8422	05	HAWAII	5	20 02	155 50	140	8A	8A			SUPT PUU HEIAU-NHS
PUU LAU 102.1	A 8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A 8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A 8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU WAAWAA 94.1	A 8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A 8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH KONA 2.31	8650	03	HAWAII	3	19 06	155 45	2650	8A	8A			MRS CAROLYN CARLSON
SOUTH POINT CORRAL 3	A 8675	03	KAU	3	18 57	155 41	500		WI			PARKER RCH-KAPAPALA DIV
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIKAKA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKALOA-BOIS CAS 95.8	9142	04	HAWAII	5	19 56	155 48	900		8A			BOISE CASCADES WA CONST
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH COMPANY
NEW STATIONS												
ISLAND OF MAUI												
PEAHI 488.6	7952	01	MAUI	1	20 54	156 17	830		9A			BERNARD RUPLINGER
ISLAND OF HAWAII												
PUUKOHOLA HEIAU 98.1	8422	05	HAWAII	5	20 02	155 50	140	8A	8A			SUPT PUU HEIAU-NHS

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

HAWAII AND PACIFIC
DECEMBER 1976

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	9A	9A			ITT/FEDERAL ELEC CORP
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
FALEASAO VILLAGE	4248	03	TA'U'MAN		14 14S	169 31W	16		8A			SOLOMULI MALU'IA
JOHNSTON WSO AP	R 4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R 4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	MID	MID			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	MID	MID			AIR WEATHER SERVICE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	MID	MID			U S NAVY
GUAM WSMO	R 4229	03	MARIANNA IS		13 33N	144 50E	361	10A	10A	10A	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTURAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN LORAN	4860	03	MARIANNA IS		15 08N	145 42E	9	10A	10A			U S C G LORAN STATION
WAKE WSO AP	R 4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			USCG LORAN STATION
ENIWETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			PRINCIPAL-ULITHI H-SCH
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	MID	MID			ERSIN HADUET
KOROR WSO	R 4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN MISSILE CGN	R 4375	01	MARSHALL IS		8 44N	167 44E	7	12M	12M		J	KMR WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	MID	MID			JULIAN E ROBERT
MAJURO WSO AP	R 4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		5P			ESHAM BEN
NGASANG.BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R 4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9	MID	MID			ANTER EKO
TRUK. MOEN I. WSO AP	R 4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	MID	MID			HASUGULIMAR/HALEYEMAI
YAP WSO AP	R 4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

PRECIPITATION MEASURED IN STORAGE GAGES

HAWAII 1976

Station	Observed date	Amount since last obs.	Snow on ground	Station	Observed date	Amount since last obs.	Snow on ground	Station	Observed date	Amount since last obs.	Snow on ground
ISLAND OF KAUAI				ISLAND OF MAUI				ISLAND OF MAUI, Cont			
HANALET TUNNEL 1053	JAN 31	15.40		HAELAAU 477	JAN 31	6.30		MOKUPEA 475	JAN 30	3.23	
	FEB 29	17.00			FEB 28	8.60			MAR 5	9.92	
	MAR 31	23.00			MAR 27	16.00			APR 8	11.20	
	APR 30	22.00			APR 24	11.00			MAY 1	5.13	
	MAY 31	11.80			MAY 29	8.20			MAY 31	2.78	
	JUN 30	6.80			JUN 26	3.80			JUN 30	3.60	
	JUL 31	10.00			JUL 31	6.38			JUL 31	5.70	
	AUG 31	10.40			AUG 28	3.00			AUG 31	3.65	
	SEP 30	5.40			SEP 25	3.00			SEP 30	2.60	
	OCT 31	10.20			OCT 30	8.50			NOV 1	6.53	
	NOV 30	5.80			NOV 27	8.80			NOV 30	7.19	
	DEC 31	3.60		TOTAL.....		83.58		TOTAL.....		61.53	
TOTAL.....		141.40		HONOLUA FIELD 49	JAN 30	.83		PUU PAKI	MAR 31	69.00	
					FEB 27	5.31			JUN 30	55.00	
					MAR 31	8.63			SEP 30	37.00	
					APR 30	3.70			DEC 30	39.00	
					MAY 31	2.08		TOTAL.....		200.00	
					JUN 30	1.37					
					JUL 31	2.51		WAILUA IKI 348	MAR 31	95.00	
					AUG 31	1.10			JUN 30	14.00	
					SEP 30	1.89			SEP 30	15.00	
					NOV 1	2.14			DEC 30	11.00	
					NOV 30	3.00		TOTAL.....		135.00	
				TOTAL.....		32.56					
				KUKUI 380	JAN 31	18.30					
					FEB 28	22.40					
					MAR 27	36.30					
					APR 24	42.00					
					MAY 29	27.00					
					JUN 26	11.60					
					JUL 31	18.00					
					AUG 28	13.20					
					SEP 25	14.80					
					OCT 30	22.00					
					NOV 27	17.60					
				TOTAL.....		243.20					
TOTAL.....		62.00									

See Reference Notes Following Station Index

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More Snow	50 or More Snow	100 or More Snow
										90° or Above	32° or Below	32° or Below	0° or Below										
HAWAII																							
* * * APRIL 1976																							
KANALOHULUHULU 1075	65.1	52.4	58.8		70	24+	43	25		0	0	0	7.05		1.51	1	.0	0		1	4	1	
* * * AUGUST 1976																							
MANA 1026	86.3	66.1	76.2	- 2.0	89	31+	62	22		0	0	0	1.89	1.12	1.57	18	.0	0		2	1	1	
* * * NOVEMBER 1976																							
KAPOHO BEACH 93.11													3.33		1.13	17	.0	0		8	1	1	

See Reference Notes Following Station Index

LATE REPORTS MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC

Station	Temperature										Precipitation																	
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days						Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days						
										Max.		Min.							Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										32° or Above	32° or Below	32° or Above	32° or Below	64° or Below	Total													
PACIFIC																												
* * * 1976																												
NGASANG, BABELTHUAP SATAWAN ATOLL	87.3M	74.6M	81.0M		90	14+	66	18		4	0	0	0	8.33		2.20	8	.0	0					3				
* * * 1976																												
FEBRUARY 1976																												
NGASANG, BABELTHUAP														8.89		4.00	2	.0	0		11	5	2					
* * * 1976																												
MARCH 1976																												
LELE I, KUSAIE NGASANG, BABELTHUAP	88.3M	74.1M	81.2M	.0	92	10	70	23		0	0	0	0	29.83 6.24	9.89	6.46 1.20	12 3	.0 .0	0 0		12	5	11 1					
* * * 1976																												
APRIL 1976																												
NGASANG, BABELTHUAP														13.42		9.15	8	.0	0		2	2						
* * * 1976																												
MAY 1976																												
METALANIM NGASANG, BABELTHUAP SATAWAN ATOLL	86.3M M	79.4M M	82.9M M		89	7	74	3		0	0	0	0	22.00		3.10	3	.0 .0 .0	0 0 0		15	13	10 1					
* * * 1976																												
JUNE 1976																												
FALALOP I, ULITHI KAPINGAMARANGI ATOLL	86.5M 86.8	79.8M 75.1	83.2M 81.0		89 90	30+ 29	76 71	17 18		0 1	0 0	0 0	0 0	5.40 13.28		1.10 2.95	12+ 9	.0 .0 .0	0 0 0		16	8	4					
LELE I, KUSAIE	88.0M	74.8M	81.4M	.4	91	3	73	5+		2	0	0	0			2.36	20	.0 .0 .0	0 0 0		12	4	1					
NGASANG, BABELTHUAP SATAWAN ATOLL	88.6M	76.1M	82.4M		96	16	73	20+		0	0	0	0					.0 .0 .0	0 0 0									
SWAIN ISLAND WOLEAI ATOLL	88.5 88.1	70.4 74.1	79.5 81.1		91 90	24 30	69 65	14+ 14		8 1	0 0	0 0	0 0	1.38 6.34		.27 1.92	17 1	.0 .0 .0	0 0 0		5 11	0 4	0 1					
* * * 1976																												
JULY 1976																												
MIDWAY SAND ISLAND SWAIN ISLAND WOLEAI ATOLL	82.1 87.6 88.4M	73.1 70.2 73.6M	77.6 78.9 81.0M	-.2	85 90 90	15 30+ 30+	66 64 69	11 1 26+		0 6 10	0 0 0	0 0 0	0 0 0	.89 2.62	- 2.57	.24 .83 1.40	11 2 14	.0 .0 .0	0 0 0		3 6	0 1 4	0 0 2					
* * * 1976																												
AUGUST 1976																												
FALALOP I, ULITHI LELE I, KUSAIE SWAIN ISLAND WOLEAI ATOLL	87.1M 88.3M 87.3 87.4	79.6M 74.7M 70.2 72.1	83.4M 81.5M 78.8 79.8	.2	89 91 91 90	27+ 27+ 25 9	79 73 66 62	28+ 15+ 17 29		0 0 3 1	0 0 0 0	0 0 0 0	0 0 0 0		- 5.92	1.80 .43 1.98	18 19 2	.0 .0 .0 .0	0 0 0 0		8 15	0 5	0 2					
* * * 1976																												
SEPTEMBER 1976																												
FALALOP I, ULITHI ROTA SWAIN ISLAND WOLEAI ATOLL	86.1 89.2 87.0	79.1 70.5 70.1	82.6 79.9 78.6		89 92 90	29+ 21 23+	76 69 61	16+ 17+ 1		0 13 4	0 0 0	0 0 0	0 0 0	11.74 1.14 10.91		3.99 2.52 .50 1.75	12 14 25 4	.0 .0 .0 .0	0 0 0 0			9 1 8	3 0 3					
* * * 1976																												
OCTOBER 1976																												
CLARK AFB LUZON FALALOP I, ULITHI LELE I, KUSAIE SAIPAN LORAN WOLEAI ATOLL	89.3 88.3 89.7M 89.2 88.8	76.3 79.3 75.6M 75.4 72.6	82.8 83.8 82.7M 82.3 80.7	2.4 1.0	91 89 92 97 90	22+ 31+ 8+ 10 21+	73 76 70 70 60	2+ 29+ 1 25 7		22 0 20 6 8	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1.76 5.99 12.70 4.24 7.05	- 3.71	.68 .52 2.36 .93 1.45	19 19 18 6 9	.0 .0 .0 .0 .0	0 0 0 0 0		3 21 10 10 13	2 1 3 3 5	0 0 0 0 2					
* * * 1976																												
NOVEMBER 1976																												
GUAM NAS LELE I, KUSAIE MIDWAY SAND ISLAND	86.5 89.6M 75.4	77.9 75.1M 66.8	82.2 82.4M 71.1	1.2 1.0 -.8	88 92 80	19+ 1 3	75 72 60	1 27+ 15		0 15 0	0 0 0	0 0 0	0 0 0	10.35 1.94	1.63 - 2.01	3.02 2.78 .94	1 19 4	.0 .0 .0	0 0 0		19 9 5	6 3 1	2 3 0					

See Reference Notes Following Station Index

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station		Total	Day of Month																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * *																																	
APRIL 1976																																	
HALIMAILE 423	A	4.10	.53	.23	*	.45	.08	.04	.03	.78	*	*	.10	*	*	*	*	*	.09	.03	.17	.41	.17	*	*	.72	*	*	.37	.39	*		
MUKIDPO 945	A	.52	.07	*	.13	*	.45	.39	1.35	*	*	.12	*	.12	.86	.48	.68	*	*	3.70	.32	.45	1.36	.53	*	*	1.09	.47	.87	.24	.52	*	
IIILILUULA INTAKE 1070	A	25.26	2.70	.85	*	4.11	.68	.49	.39	1.35	*	*	3.12	.86	.48	.68	*	*	3.70	.32	.45	1.36	.53	*	*	1.09	.47	.87	.24	.52	*		
INTAKE MAININA PC 1086	A	41.51	4.50	2.78	*	8.31	*	7.93	*	4.03	*	*	1.73	*	.08	*	*	*	1.33	*	*	4.07	*	*	*	*	*	*	11.75	*	*	*	
KANALOHULU 1075	A	7.05	1.51	.27	.59	.21	.09	.24	.93	.24	.05	.05	.14	.04	.01	.02	.44	.22	.04	.05	.06	.81	.44	.13	.03	.17	.22	.05	*	*	*		
KAPPAH RESERVOIR 1092	A	11.38	.65	.40	*	2.10	.45	.25	.16	.60	*	*	1.05	.15	.10	.05	*	*	.45	.07	.35	.50	.30	*	*	.65	.85	1.30	.50	.45	*		
MOUNTAIN VIEW 91	A	26.97	4.13	.40	1.99	3.50	.35	.14	.01	.26	.86	.63	.57	.77	.55	.10	.45	.32	.44	1.37	2.38	1.15	.93	.65	1.42	.34	.03	.61	.40	.14	.04	2.00	
MCUNT MAIALFALE 1047	R	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.08	2.24	.94	2.68	1.06	1.97	.39	1.02	.39	4.33	2.01	1.57	.10	*	
NAALEHU 14	A	3.83	*	*	*	*	.55	*	*	*	*	*	.02	.03	.33	*	*	*	1.61	T	*	.02	*	*	*	1.54	.03	*	*	*	.25	*	
NAPRODPO 28	A	2.21	*	*	*	*	.55	*	*	*	*	*	.11	*	*	*	*	*	.28	*	*	*	*	*	*	1.27	*	*	*	*	*	*	
ODKALA 223	A	14.29	3.02	.17	2.43	1.16	.22	.38	.02	.01	.57	1.73	.10	.05	.13	.01	.02	.07	.15	.46	.58	.47	1.12	.51	.04	.18	.60	.22	.11	.08	.92	*	
OPINIMALE 2 24.1	A	4.39	.10	T	1.10	.74	T	.03	T	.05	.04	T	.02	.02	.01	.14	T	.09	.10	.01	.14	.01	T	.07	T	.18	.60	.22	.11	.08	.93	*	
* * *																																	
MAY 1976																																	
HALIMAILE 423	A	.53	*	*	.13	*	*	*	*	*	*	*	.02	*	.05	.03	*	*	*	.02	.20	.05	*	*	*	*	*	.02	.01	*	*	*	
MCUNT MAIALFALE 1047	R	29.26	.67	.79	1.02	.55	.67	.43	1.10	.35	*	.04	.04	.43	.16	.16	.71	2.72	.51	.71	1.42	2.09	2.76	1.89	2.05	1.22	1.30	1.81	1.69	1.06	.67	.24	
* * *																																	
JUNE 1976																																	
HANA 354	A	1.99		.20	.16		.02		.06	.02			.04	.08	*	*	*	*	.08	.73	.32	*	*		.11	*	*	*	*	.28	.17	.22	
* * *																																	
JULY 1976																																	
MAKAHA KAT 796.1	A	.40	T										.04							T						.34	.02	*	*	*	*	1.41	
MCUNT MAIALFALE 1047	R	25.26	2.17	2.09	.59	.39	.24	1.50	.08	1.54	1.77	.14	.20	.12	.28	.20	.39	.12	.87	.20	2.56	3.86	.63	1.65	.43	.43	1.18	*	*	*	*	*	
* * *																																	
AUGUST 1976																																	
KAPPAH LANDING 93.5	A	4.04	*	*	*	*	.97	*	*	*	*	*	*	.81	*	*	*	*	*	1.29	*	*	*	*	*	*	*	.98	*	*	*	*	*
HANA 1026	A	1.89	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.57	.32	*	*	*	*	*	*	.15	.30	*	*	*	*	
MCHINTI UPR CROSS 1083	A	6.78	*	*	*	*	*	.35	.16	.08	1.85	.35	.71	.55	.59	.43	.43	.83	.55	.55	4.50	.84	.76	.23	.31	.04	.35	.20	.75	.16	.16	1.02	.08
MCUNT MAIALFALE 1047	R	18.84	*	.47	.35	.16	.08	1.85	.35	.71	.55	.59	.43	.43	.83	.55	.55	.16	1.93	.91	4.29	.35	.79	.31	.04	.35	.20	.75	.16	.16	1.02	.08	
ORCHIN LAND EST 91.4	A	5.87	*	*	*	*	.65	*	*	*	*	*	*	1.22	*	*	*	*	*	1.03	*	*	*	*	*	*	*	2.92	*	*	*	*	*
PUU LAU 107.1	A	.05	*	*	*	*	1.94	*	*	*	*	*	1.65	*	*	*	*	*	*	.89	*	*	*	*	*	*	5.70	*	*	*	*	*	*
SADDLE ROAD 1 84	A	10.18	*	*	*	*	1.94	*	*	*	*	*	1.65	*	*	*	*	*	*	.89	*	*	*	*	*	*	5.70	*	*	*	*	*	*
* * *																																	
SEPTEMBER 1976																																	
MOLAA 1145	A	1.55	*	*	*	*	*	.04	*	.47	*	*	.01	*	.09	*	.16	*	*	.10	*	*	*	*	*	*	*	*	*	.68	*	*	*
POLIPOLI SPRINGS 267.2	A	3.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.20	*	*	*
* * *																																	
OCTOBER 1976																																	
MCHINTI UPR CROSS 1083	A	3.91	*	.46	.46	.38	*	.46	.08	.08	*	.16	.08	.08	.95	.08	.08	*	*	*	*	.16	*	.08	*	.16	.08	*	*	.08	*	*	*
SOUTH POINT CORRAL 3	A	1.47	*	*	*	*	*	.02	*	*	*	*	*	*	.17	*	*	*	*	*	*	*	*	*	*	1.27	*	*	*	*	*	*	*
* * *																																	
NOVEMBER 1976																																	
KAPPAH BEACH 93.11	A	3.33	.13	.27	.07	.05	.02	.03	.02	.08	.14	.05	.08	.15	.45	1.13	.09	.02	.01	.03	.09	.03	.06						.11	.18	*	*	
PEAHU 488.0	A	10.68	.58	.06	.01	.35	.11	.17	.96	.07	.42	.19	.42	.07	1.16	2.72	.04	.08	.24	.05	.02	2.55	.41									*	

See reference notes following Station Index

LATE REPORTS DAILY PRECIPITATION

HAWAII AND PACIFIC

Station		Total	Day of Month																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
JANUARY 1976																																	
NCASANG-BABELTHUAP		8.33		.20	.31	.13	.06	.05	.09	2.20	.23	.15	.40	1.36		.15	*	*	*	.53	.10	.55		.35		.05		.04	1.37		.01		
SATAWAN ATOLL		-	-			.02								.11			.52	.24		.16	.19	1.96		.10		.05	2.00	1.05	.08	.42	.64	-	
FEBRUARY 1976																																	
NCASANG-BABELTHUAP		8.89	4.00				.50	.53	.05	.30	.35	.45	.15	.46		1.13	.05	.65	.18		.01		.05			.03							
MARCH 1976																																	
LELE I. K. SAIE		29.83	.55	.23	.28	*	*	.96	3.04	.09	T			2.24	6.46	.04	.07	.17	.03	.25	1.92	1.21	T	.22	2.43	2.70	1.96	1.12	2.34	1.16	.10	.31	.46
NCASANG-BABELTHUAP		6.24			1.70	.55	.12	.10		.72	.01		.04	.03	.05	.15	.04	.37	.03			.01	.34			.03	.05	.47	.80	.05	.06	.82	.23
APRIL 1976																																	
NCASANG-BABELTHUAP		13.42	.03	.03	.12	.07		.15	3.13	9.15		.03	T	T		.05	*	*	*	*	*		.46		.10			.05		T	.10		
MAY 1976																																	
NATAKINI		22.00			3.10	1.70	1.53	2.47					.40	.80	2.40		1.38		1.00	2.70	2.30	.12				.50	1.00		.60	*	*	*	
NCASANG-BABELTHUAP		*			.15	-	-	-		.35	.01		1.29	.73	.05	.20	.15	.70	.20	T						T	T	*	*	*	*	*	
SATAWAN ATOLL		-	-	-		-	-	-	-	-	-	-	.77	.18	-	2.64	1.43	.75		.21	-			-					.02	-	-	-	
JUNE 1976																																	
FALALOP I. ULITHI		5.40	.02	.15		*	.10	.60	.03			1.10	.10	1.10	.30	.18	.02		.32				.10		.05	.10	.44	.67					
KAPINGAMARANGI ATOLL		13.28			.78	.10	.53	.30	.86	.85	2.95	.10	.46	.49	1.62	.11			1.96	1.29	.06			.09	.05	.03	.48	.22					
LELE I. KUSAIE		-	1.95	.03	.08	.03	.10	.56	.01	.07	.92	.37	.35	.65	.12	1.22	.60	.95	.74	.02	.72	2.36	.38	.52	.36	.39	.40	.07	.16	1.40	T	-	
NCASANG-BABELTHUAP		*	*	*	.65	.10			.15	.22	.40	.83	.53	.68	1.27	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SATAWAN ATOLL		-	-	-	-	-	-	.06	1.22	.16	.18	.06	.24	1.16	-				.02	.03	1.18					.15	1.36	.08				.18	
SWAIN ISLAND		1.38	.05	.06	.74			.09				.09		.13				.04	.27		.11						.03	.02	T	.06	.19		
WELPAT ATOLL		6.34	1.92				.30	.22	.33		.04			.45	.06		.23	.02	.44		.96	.07	.02	.05	.51	.90	.04					.18	
JULY 1976																																	
MIDWAY SAND ISLAND		.89	T		.02	.01		.05	T	T		.07	.24		.09	.02	.04		T		T	T	.06	.01		.01	.16	T	T		.11		
SWAIN ISLAND		2.02	.06	.83			.49	.05	.43	.05	.15	.02											.10	.01	.06	.19	.06	.08				.05	
WELPAT ATOLL		-	.35	T	.17	.01					-			.03	.04	1.40	.01	.19	-	.06	.61	.10	.10	.61	.10	1.30		.03				.10	
AUGUST 1976																																	
FALALOP I. ULITHI		-	-		.05	T	.10	.32	.20	.32	.13	.42	.10	.10	.31	.09	.10	.42	.42	1.80	.42	1.43		.42	.10		.04	.42	.40	.20	-	-	
LELE I. KUSAIE		10.77	1.43	.55	.34	.01	2.52	.33	T	*		.16	1.53	.03	.06	.92	T	.92	*	2.89				.07	T							.01	
SWAIN ISLAND		2.54	.42	.05				.08				.31			.08			.22	.02	.43	.18	.34					.12	.07	.01	.04	.06	.11	
WELPAT ATOLL		7.83	.86	1.98	.03		.10	.46		.04		.41	.63	.13	.29		.57	.39		1.07	.13	.31				.02	.10	.13	.04		.08	.06	
SEPTEMBER 1976																																	
FALALOP I. ULITHI		-	.75			.10	.54	.04	.15	.48	2.32	.52	.36	3.99	1.02	.61	.78	.62	.10	.04	-		T	.48				.31			.42		
LELE I. KUSAIE		11.74	.01	.45	.02	*	*	1.50	.80	1.27	.02	.02	*	*	2.46	2.52	.93	.02	*		.90	.04	.23	.13	.24			.13	.01	.25	.04		
SWAIN ISLAND		1.14						T							.02					.17	.04												
WELPAT ATOLL		10.91	.15	.39	.75	1.75	.70	.35	.70	.06		.20	1.05	.90	.30	.31	.21	.21		.10	.85	1.61	.06			.50	.16		.06	.20			
OCTOBER 1976																																	
CLARK AFB L. ZON		1.76	T	.04			.06	.01	.03			.56		.07	.03					.68	T			T			.02	.18	.08	T	T		
FALALOP I. ULITHI		5.99	.04	.10	.05	.39	.10	.05	.03		.40	.20	.47	.13		.34		.07	.09	.10	.52	.49	.30	.40	.13	.18	.19	.45	.13	.13	.07	.14	
LELE I. KUSAIE		12.70		.17	.54	.05	.31		.15	.22	.94	.26	.15		.71	1.33	.65		.62	2.36	.01	.96	.25			.41	1.12	.45	.54	*	.22		
SAIPAN LOPAN		4.24	.06	.08	.15	.16	.69	.93	.04		.38	.05			.01	.12	.02	.02	.14	.26		.14	.01					.01	.01	.02	.89		
WELPAT ATOLL		7.05		.11	.13				.17	1.45		.01			.08	.41		.49	.16	.85	T		.29	1.13			.71	.49	.01	.06	.50		
NOVEMBER 1976																																	
GIAM NAS		10.35	3.02	.19	.06	T	.32	.19	.61	.41	1.06	.31	.09	.12	T	.22	.68	.02	.01	.10	.03	.51	.09	.03	.20	.26	.06	.88	.18	.45	T	.25	
LELE I. KUSAIE		-	.79	.79	1.93	.16	.06		.79	*		.13	.02	.05				.06	.06	.26	2.78	.49	*	.45	.08	.56	.19	.50	.60	-	-	-	
MIDWAY SAND ISLAND		1.94				.94	.10			.19	T		.08	T						.02		T	.38		.01	.02	T	.19	.01		T	T	

See reference notes following Station Index.

HAWAII AND PACIFIC

A-6

LATE REPORTS DAILY TEMPERATURES

HAWAII AND PACIFIC

Station		Day of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
PACIFIC	MAX																																	
* * *	MAX																																	
JANUARY 1976	MAX																																	
	MIN																																	
SATAWAN ATOLL	MAX		90	89	90	86	87	87	88	86	87	88	89	90	90	87	88	89	88	86	85	85	87	89	84	85	86	86	87	87	86		87.3	
	MIN		77	76	78	78	78	75	71	69	73	73	76	78	76	75	76	76	66	72	76	70	74	76	72	78	72	75	75	74	75		74.6	
* * *	MAX																																	
MARCH 1976	MAX																																	
	MIN																																	
LELE I. KUSAIE	MAX	90	85	87			90	87	88	90	92	91	86	91	90	87	90	90	89	85	87	87	87	87	89	85	85	88	90	90	90	87	88.3	
	MIN	76	72	74			73	73	74	75	79	74	71	75	76	73	78	76	75	72	73	76	73	70	73	72	72	75	73	76	74	73		74.1
* * *	MAX																																	
MAY 1976	MAX																																	
	MIN																																	
METALANIM	MAX	87	85	88	86	88	86	89	85	80	87	88	86	87	86	85	88	86	83	84	87	88	88	87	86	87	88	86	87	86		86.3		
	MIN	81	78	74	80	79	81	82	79	79	80	80	75	76	81	79	80	80	79	77	78	81	80	80	81	81	80	80	81	82		79.4		
SATAWAN ATOLL	MAX	87		90										84	89		87	87	81	86	89		89		90		89	90	91	89	89	90		
	MIN	76		72										75	77		75	76	68	71		69		78	75	76	80	80	79	79	80			
* * *	MAX																																	
JUNE 1976	MAX																																	
	MIN																																	
FALALOP I. ULITHI	MAX	84	89	83	89		84	89	87	86	89	88	88	87	80	83	88	87	88	89	87	89	80	82	89	88	80	88	89	89	89		86.5	
	MIN	79	80	79	82		79	80	80	79	82	82	80	80	79	79	80	76	80	80	80	80	79	79	80	79	79	80	82	80	80		79.8	
WAPINGAMARANGI ATOLL	MAX	85	85	86	85	85	85	84	87	89	88	89	88	80	85	85	88	89	89	84	88	86	87	86	89	89	86	89	89	90	89		86.8	
	MIN	74	74	74	75	72	76	74	74	73	78	77	72	74	74	74	78	74	71	74	78	74	77	78	75	74	75	77	78	77	77		75.1	
LELE I. KUSAIE	MAX	89	88	91	88	89	89	89	85	87	89	90	88	89	87	88	88	89	88	89	86	88	85	86	88	88	89	88	89	86		88.0		
	MIN	73	73	80	75	73	74	75	74	77	74	75	74	77	74	74	74	74	74	74	74	76	75	75	74	75	75	75	75	76		74.8		
SATAWAN ATOLL	MAX				90			87	88	89	89	90	87	87		89	96	92	89	88	87	87	89	87	87	89	87	86	90	89	87		88.6	
	MIN				80			76	76	75	76	76	75	76		73	73	74	74	75	73	76	77	77	76	78	79	78	78	78	76		76.1	
SWAIN ISLAND	MAX	88	86	89	86	88	88	89	88	90	90	89	88	90	87	90	88	87	89	89	90	89	87	90	91	88	89	88	87	90	87		88.5	
	MIN	70	70	69	69	70	70	70	70	71	71	70	70	71	69	71	71	71	71	71	72	71	70	71	71	71	71	70	71	70		70.4		
WOLEAI ATOLL	MAX	88	88	88	88	89	89	89	89	89	88	89	87	87	88	88	88	89	89	88	88	89	86	89	82	85	89	89	88	89	90		88.1	
	MIN	70	77	76	76	76	73	70	75	70	77	76	73	77	65	70	77	75	78	77	76	76	75	75	72	77	75	70	76	74	70		74.1	
* * *	MAX																																	
JULY 1976	MAX																																	
	MIN																																	
MIDWAY SAND ISLAND	MAX	80	82	82	83	83	82	82	82	83	82	82	82	82	82	85	82	82	82	83	83	83	82	82	82	81	81	82	82	82	80	83	82.1	
	MIN	71	69	74	76	76	75	74	74	75	72	66	74	74	74	74	74	74	75	74	74	72	72	74	71	72	74	73	74	72	70	72	73.1	
SWAIN ISLAND	MAX	80	88	88	90	86	87	86	88	87	88	89	89	88	89	90	90	90	89	88	90	88	87	87	85	88	83	83	87	89	90	89	87.6	
	MIN	64	71	71	71	69	80	68	70	71	70	70	71	71	71	71	70	71	71	71	71	71	70	71	71	71	70	69	70	66	66		70.2	
WOLEAI ATOLL	MAX	87	85	89	89	90	90	90	90		89	89	90	90	85	88	88		87	88	86	89	90	85	85	90	88	88	89	90	89	88.4		
	MIN	71	69	70	70	71	79	76	81		81	74	76	74	72	76	76		70	71	72	71	71	73	70	79	69	70	73	73	79	76	73.6	
* * *	MAX																																	
AUGUST 1976	MAX																																	
	MIN																																	
FALALOP I. ULITHI	MAX	83	83	84	88	87	84	88	88	87	87	86	87	88	88	88	87	88	86	88	87	89	88	88	88	89	88	89	88		87.1			
	MIN	80	79	81	79	79	80	79	80	80	81	79	79	80	81	81	79	79	79	79	79	79	80	79	80	80	80	79	80	79		79.6		
LELE I. KUSAIE	MAX	87	87	86	88	91	84	86	89		91	89	88	89	87	86	89	89	87		90	89	90	90	88	89		91		89	86	88.3		
	MIN	75	75	74	73	74	75	74	76		75	75	73	75	74	73	74	77	74		74	74	76	76	75	75		75			74	76	74.7	
SWAIN ISLAND	MAX	85	88	88	90	89	90	89	88	88	84	89	84	86	86	86	85	87	86	84	89	86	89	88	89	91	88	87	89	88	86	89	87.3	
	MIN	70	70	70	72	70																												

LATE REPORTS DAILY TEMPERATURES

HAWAII AND PACIFIC

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC	MAX MIN																																
* * *	MAX MIN																																
OCTOBER 1976	MAX MIN																																
CLARK AFB LUZON	MAX MIN	90 73	86 73	88 75	88 75	90 75		90 75	91 77	91 75	91 75	91 75	90 75	91 77	90 77	90 77	91 77	90 79	90 79	88 75	90 75	90 79	91 77	90 81	90 77	90 79	82 79	86 75	86 77	90 77	88 75	90 77	89.3 76.3
FALALUP I, ULITHI	MAX MIN	89 79	89 81	88 79	89 78	89 80	89 82	89 81	89 80	88 82	84 79	89 80	88 79	89 80	88 82	88 79	88 80	88 79	88 80	87 76	88 78	88 80	88 76	88 80	88 81	87 80	88 80	88 81	88 76	88 76	88 79	89 80	88.3 79.3
LELE I. KUSAIE	MAX MIN	92 70	91 75	91 75	90 77	89 76	91 80	91 76	92 76	90 77	91 76	91 75	90 75	86 77	87 75	88 73	90 80	90 77	82 75	89 76	88 73	90 76	91 77	91 76	91 75	88 74	89 73	89 75	91 76	90 74	90 74	89.7 75.6	
SAIPAN LORAN	MAX MIN	88 75	88 79	88 77	89 73	89 74	89 74	89 78	89 77	92 78	97 74	88 76	88 78	88 77	88 78	89 78	89 76	89 75	89 75	89 76	89 77	88 79	88 74	88 73	89 70	89 73	90 74	90 77	89 77	89 71	90 72	90 73	89.2 75.4
WOLEAI ATOLL	MAX MIN	89 71	89 77	88 76	89 76	90 76	89 76	90 60	89 76	90 72	88 61	88 76	90 76	90 71	87 70	89 75	89 71	86 75	89 69	90 78	89 73	90 71	87 77	88 73	89 70	89 73	87 69	89 70	89 76	89 70	88 70	88 74	88.8 72.8
* * *	MAX MIN																																
NOVEMBER 1976	MAX MIN																																
GUAM NAS	MAX MIN	85 75	86 76	88 79	86 78	86 76	86 79	88 79	87 78	85 77	87 76	87 78	87 78	87 78	87 79	86 78	87 78	87 79	88 79	88 79	86 79	87 78	87 79	86 78	87 77	87 79	84 78	85 78	85 76	86 79	86 76	86.5 77.9	
LELE I. KUSAIE	MAX MIN	92 74	88 73	91 75	87 74	90 76	89 76	90 76	90 73	90 73	91 72	90 75	90 77	90 78	91 74	88 74	89 75	89 80	88 78	88 72	88 74	91 77	89 80	88 75	90 75	91 74	90 72					89.8 75.1	
MIDWAY SAND ISLAND	MAX MIN	78 70	78 68	80 74	77 67	78 70	79 74	79 72	75 68	79 71	76 68	73 67	77 70	79 66	70 62	69 60	71 63	74 63	74 62	75 68	76 70	70 63	77 63	73 66	71 66	73 66	71 62	79 64	72 64	79 68	77 70	75.4 66.8	

SUPPLEMENTAL DATA

SEPTEMBER 1976

	Wind (Speed — m.p.h.)						Relative humidity percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL				Trace	01-09	10-49	50-99	100-199	200 and over	Total		
							12	18	00	06									
GUAM WSO AP	-	-	-	35	E	05	-	83	82	95	0	9	9	5	2	1	26	36	8.9
HILO, HAWAII, WSO AP	32	0.9	6.1	23	SE	07	88	78	70	83	11	5	2	1	0	23	57	6.2	
HONOLULU, OAHU, WSO AP	8	8.5	10.5	26	NE	15	62	57	49	57	9	1	0	0	0	17	66	5.3	
JOHNSTON ISLAND WSO AP	7	15.4	16.6	44	E	22	82	81	75	82	6	6	4	1	0	17	88	5.1	
KAHULUI, MAUI, WSO AP	4	10.4	11.8	29	NE	11	77	73	59	70	7	8	0	0	0	15	78	4.2	
KOROR WSO AP	26	8.4	10.4	23	SW	13*	84	-	79	76	1	1	5	4	0	15	50	8.9	
KWAJALEIN WSO AP	11	1.2	9.1	25**	28	12	84	85	78	82	3	4	9	5	4	1	26	-	8.0
LIHUE, KAUAI, WSO AP	5	9.8	11.2	24	NE	09	85	79	68	80	4	14	6	0	0	0	24	77	4.8
MAJURO WSO AP	5	0.6	6.5	28	E	05	84	85	78	80	1	5	9	6	3	2	26	54	8.8
PAGO PAGO WSO AP	8	6.2	9.3	23	N	04	81	81	63	75	8	3	2	0	0	2	15	64	5.5
PONAPE WSO AP	-	-	-	19	SW	11	92	-	77	79	2	3	7	2	4	3	21	32	7.7
TRUK, MOEN I, WSO AP	23	8.0	12.6	42	SW	12	86	-	80	80	2	3	4	3	5	2	19	30	9.3
WAKE WSO AP	11	11.8	13.2	29	E	18	86	87	72	78	4	9	7	1	0	0	21	84	5.6
YAP WSO AP	27	8.1	10.8	37	W	13	86	-	82	79	1	2	8	4	4	1	20	56	9.1

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
APRIL 1976	DAILY PRECIPITATION	ISLAND OF KAUAI	HUKIPO 945	DELETE RECORD FOR ENTIRE MONTH. SEE DELAYED DATA.
APRIL 1976	DAILY PRECIPITATION	ISLAND OF HAWAII	MOUNTAIN VIEW 91	DELETE RECORD FOR ENTIRE MONTH. SEE DELAYED DATA.
MAY 1976	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA	WESTERN PACIFIC ISLAND N. OF 12 N	ANDERSEN	TOTAL PRECIPITATION, 35.18. GREATEST DAY OF PRECIPITATION, 22.60, DATE 21ST.
MAY 1976	DAILY PRECIPITATION	WESTERN PACIFIC ISLAND N. OF 12 N	ANDERSEN	TOTAL, 35.18. AMOUNT ON 21ST, 22.60.
AUGUST 1976	DAILY PRECIPITATION	ISLAND OF KAUAI	MOHIHI UPPER-CROSS 108.3	DELETE RECORD FOR ENTIRE MONTH. SEE DELAYED DATA
SEPTEMBER 1976	SUPPLEMENTAL DATA			DELETE ALL DATA. SEE LATE REPORTS.

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.
- No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- ‡ Extreme occurred at station with incomplete data which may have been exceeded.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- * DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH
CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN
3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

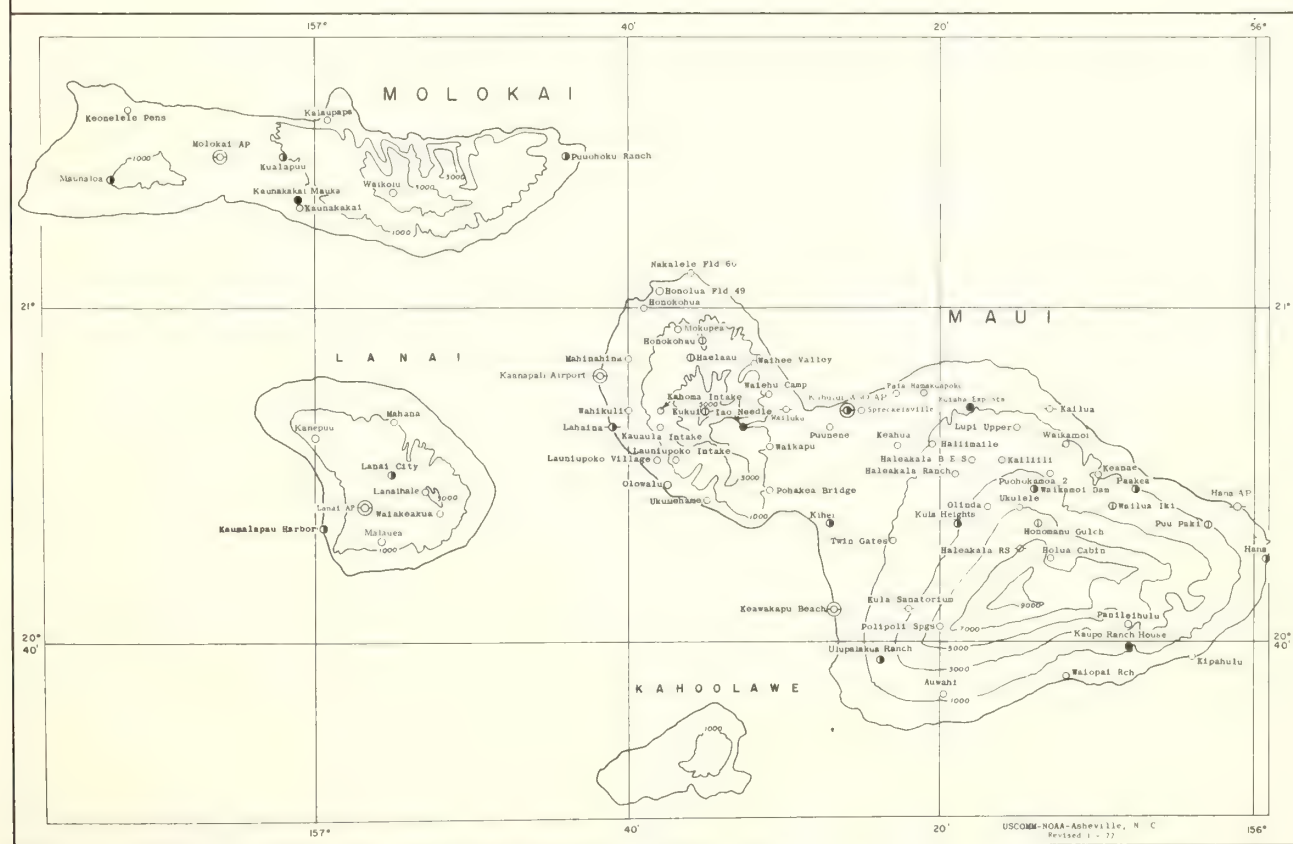
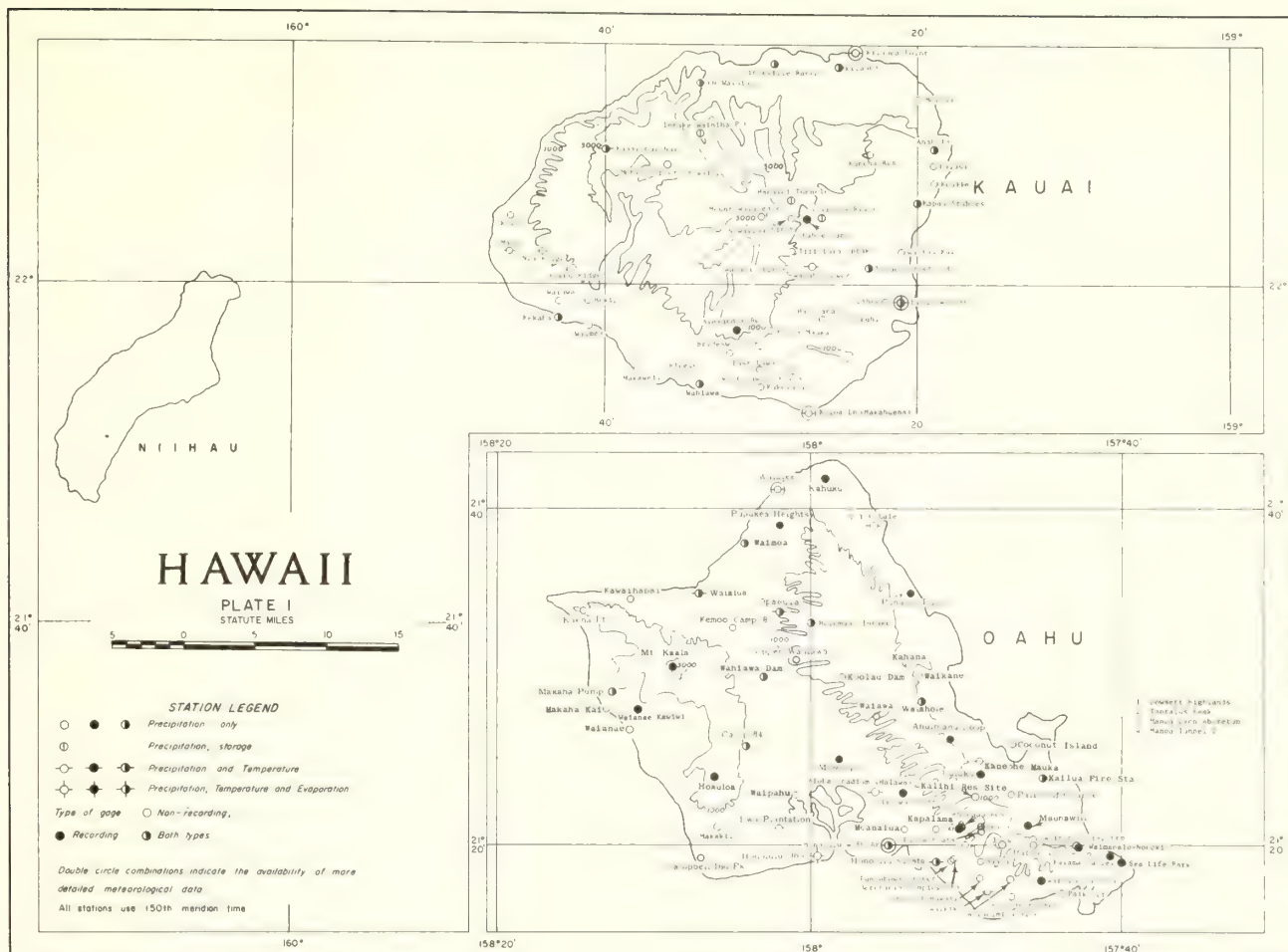
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

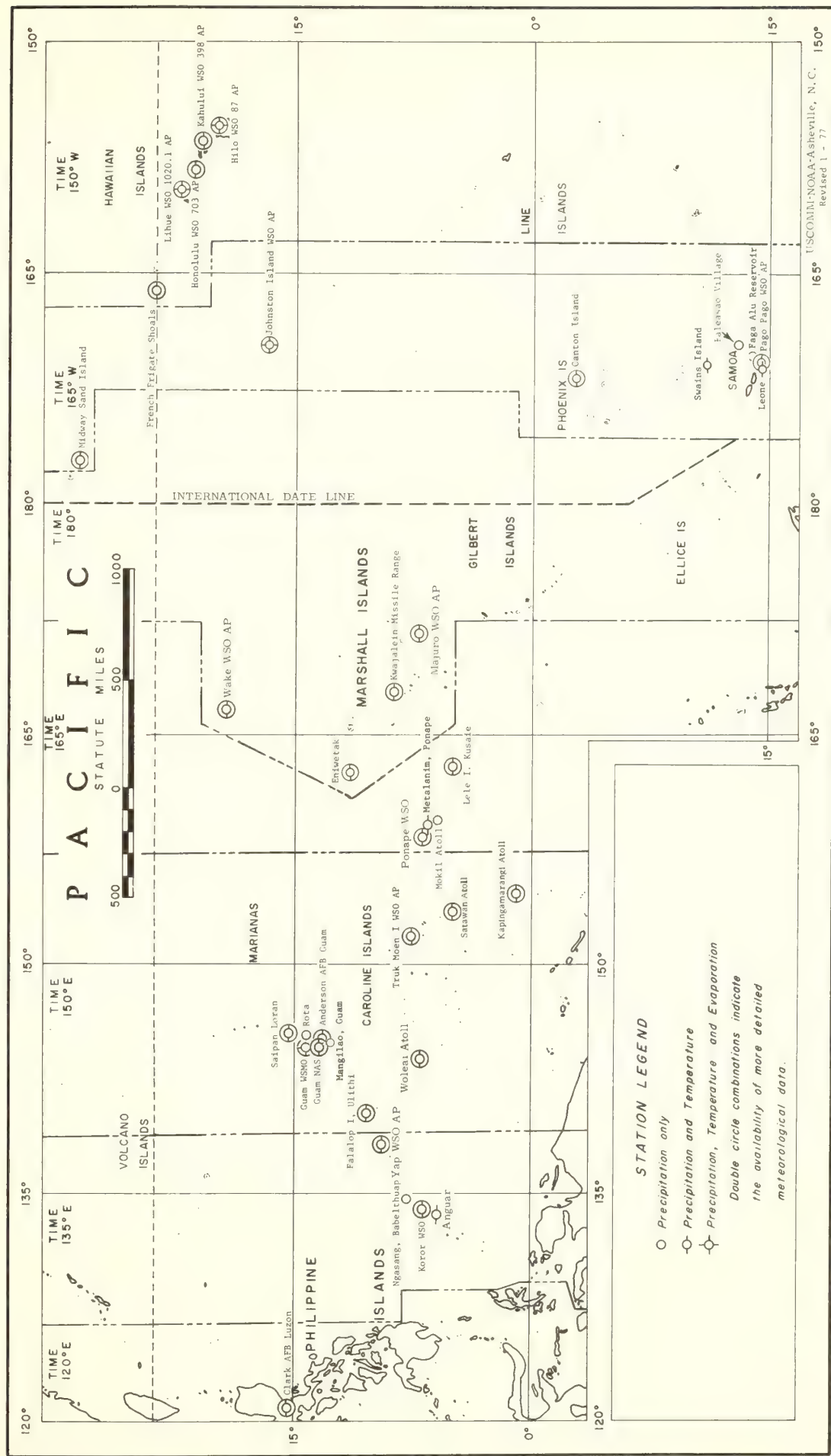
The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

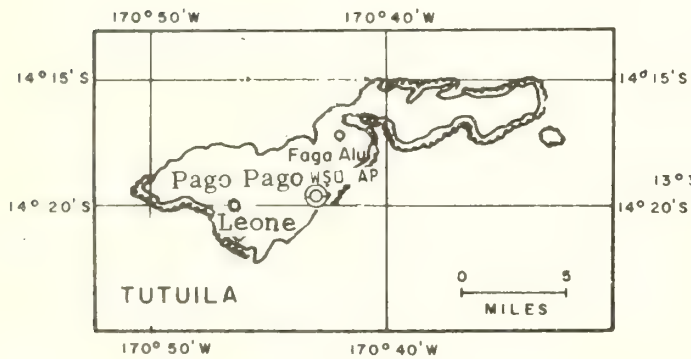
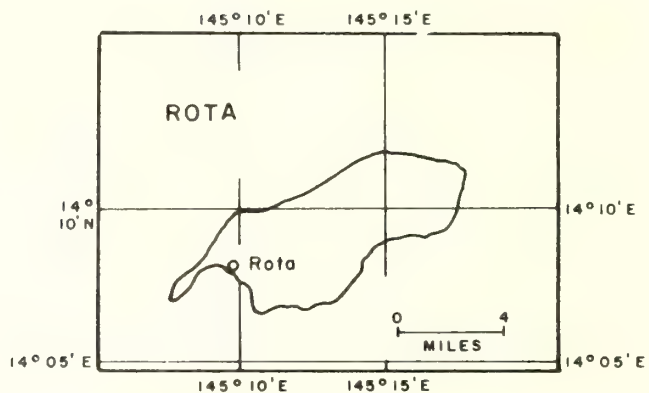
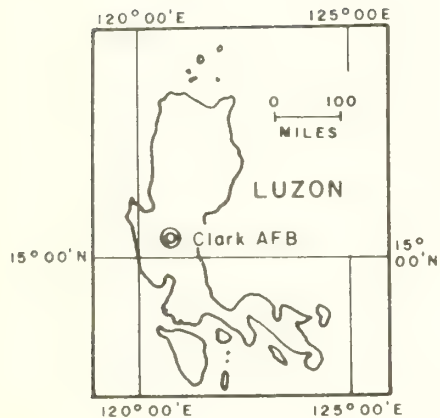
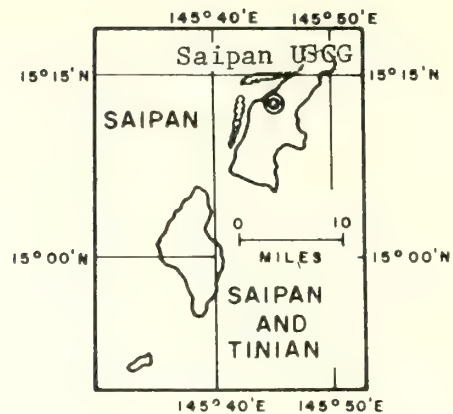
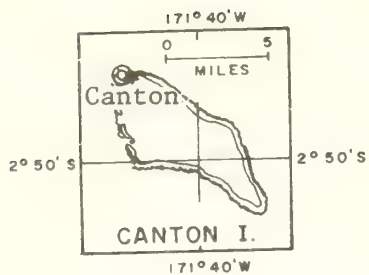
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

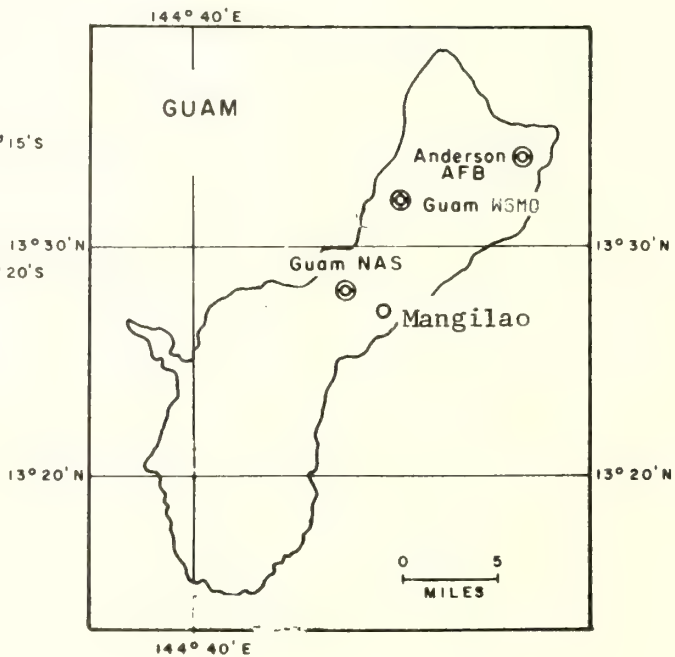
Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

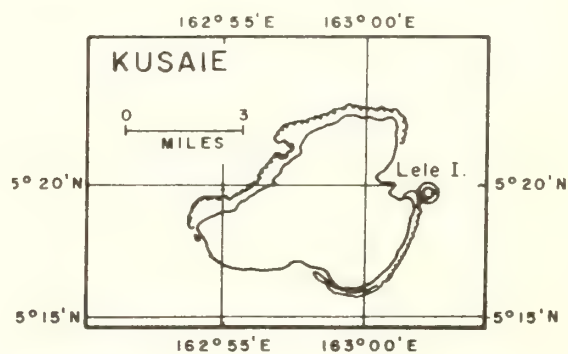
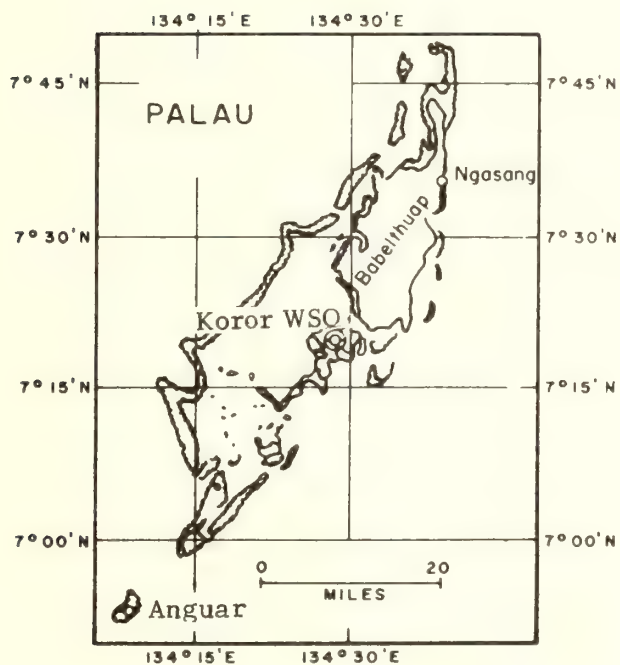
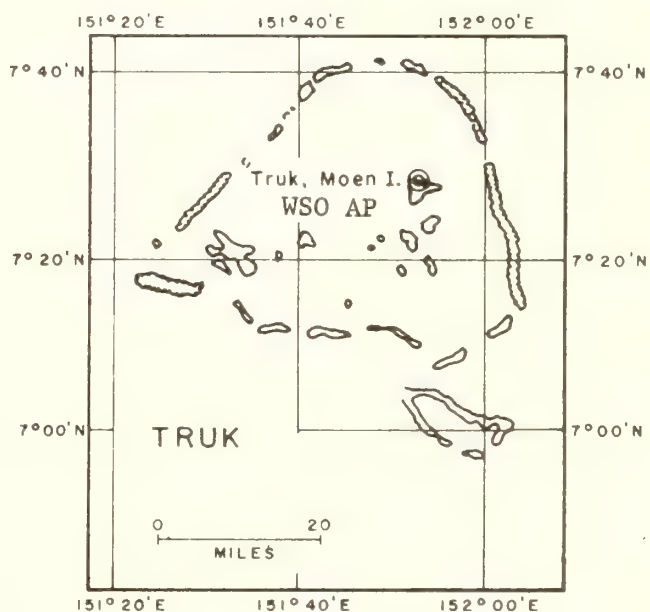
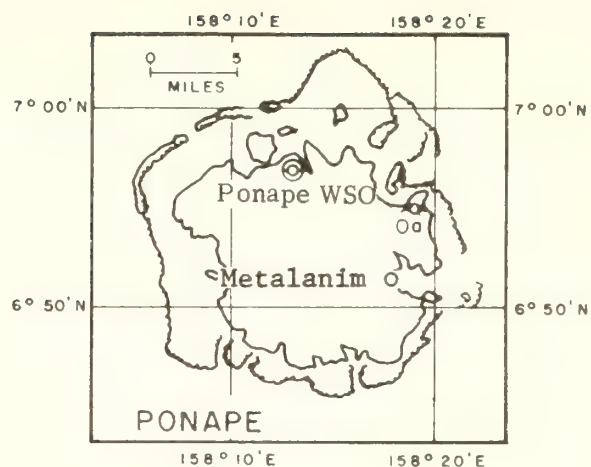
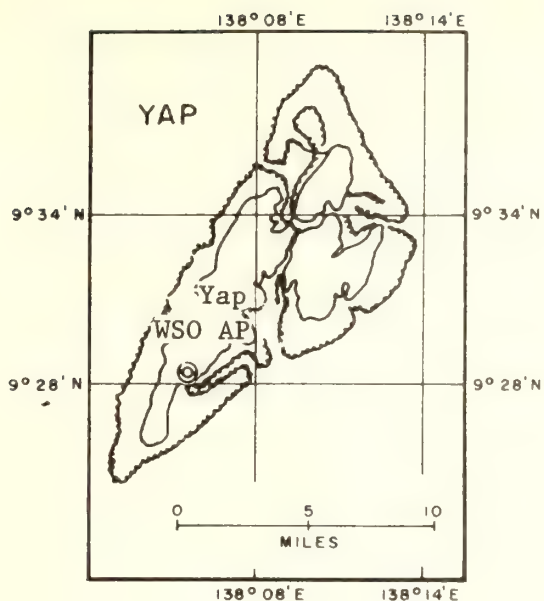




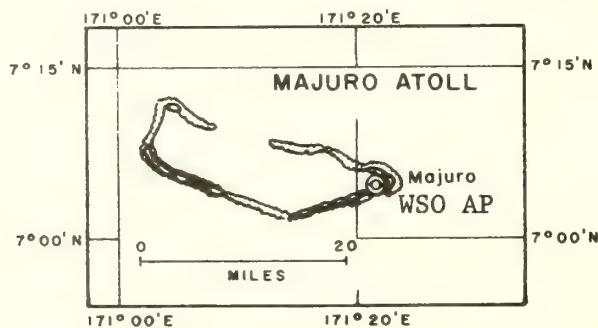
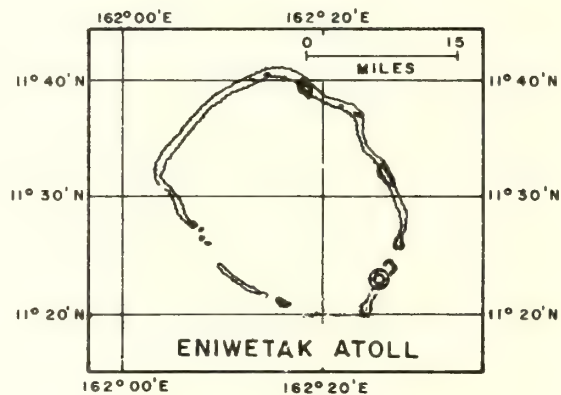
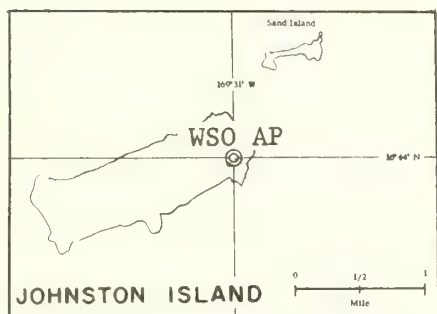
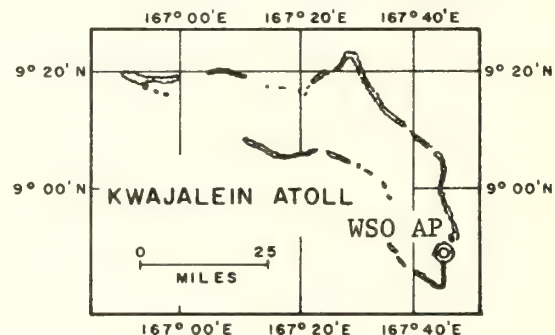
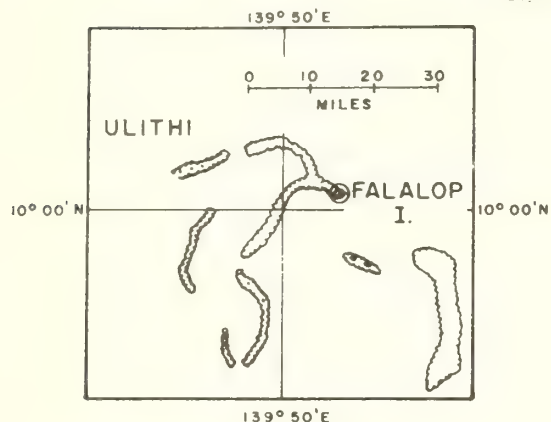
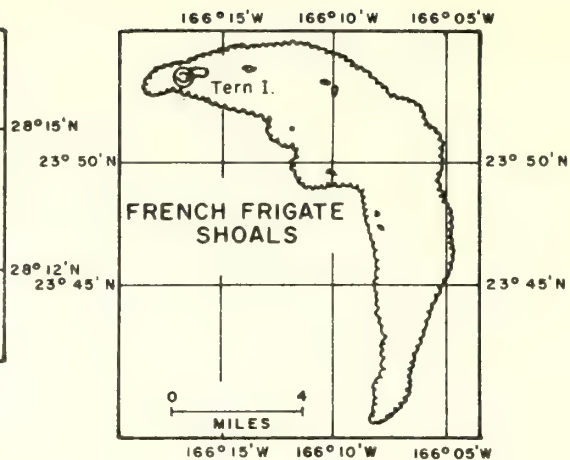
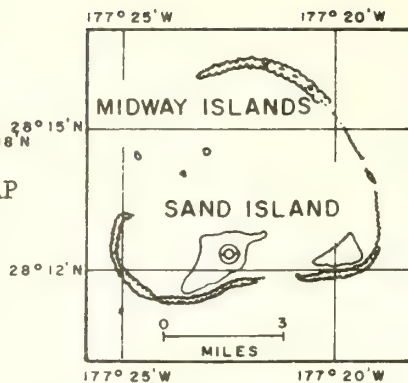
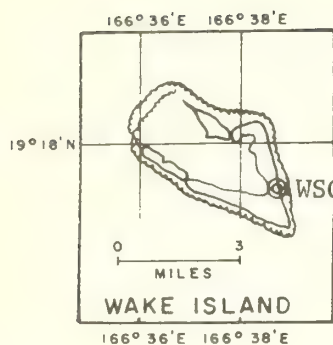


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— Reef



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THIRD CLASS

VOLUME 72

NUMBER 13

CLIMATOLOGICAL DATA

ANNUAL SUMMARY



HAWAII & PACIFIC
1976



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH CAROLINA 28801."

Daniel B. Mitchell

DIRECTOR
NATIONAL CLIMATIC CENTER

noaa

NATIONAL OCEANIC AND
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DATA SERVICE / ASHEVILLE, N.C.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1976

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
HAWAII																										
ISLAND OF KAUAI																										
KANAOHULU KULU 1075	55.6		56.3		57.1		58.8		60.7		61.4		63.3		64.5		63.4		60.8		56.5		56.6		59.6	
KILAUEA POINT 1139	72.8		71.1		70.8		72.3		74.5		76.1		76.8		77.7		78.8		77.6		75.1		75.8		75.0	
KOOLA UN (HAK) 940.1	73.3M		72.0M		71.8		73.1M		75.4M		77.9M		77.9		79.8M		80.2M		78.9		75.8		75.2M		75.9M	
LINEE WSD 1020.1 AP	73.9	2.7	72.6	-1.6	72.5	-1.8	75.1	-1.8	77.8	-2.3	78.7	-1.2	79.9	-1.5	79.3	-2.2	78.5	-1.3	76.9	-1.4	73.8	-1.4	74.1	-1.6	76.1	-1.0
MANA 1026	72.1	1.4	70.4	-1.4	71.4	-1.1	72.6	-1.3	73.9M	-1.9	75.0	-1.9	75.6	-2.2	76.2	-2.0	78.3M	-1.6	77.3M	-1.6	73.8	-1.9	72.9	-1.6	74.1M	-1.5
NIU RIDGE 1035	68.9	1.3	67.9	-1.0	68.3	-1.1	69.7	-1.3	70.9	-1.1	72.3	-1.4	71.9	-1.6	72.5M	-1.6	72.4M	-1.8	74.8M	-1.3	70.5M	-1.9	68.9M	-1.1	70.8M	-1.2
WAIAMI LOWER 1054	68.1		68.9		67.0		68.9		70.6		71.3		72.3		74.0		74.3		72.1		69.8		68.2		70.3	
ISLAND	68.5		67.5		67.8		69.5		71.5		72.5		73.6		74.3		74.7		72.9		69.8		69.5		71.0	
ISLAND OF OAHU																										
ALOHA STADIUM-HALAWA					72.2M		72.9M				75.3M		75.3		78.2M		78.9M						74.0M			
8 Y U LAIE 903.1	73.0		71.8M		71.6		73.6		75.5		76.0		77.2		78.1		78.7		77.2		73.9		73.7		75.0M	
EWA PLANTATION 741			70.1M	-1.0	70.8M	-1.2	73.0M	-1.5	75.5	-1.5	76.0	-1.5	77.9	-1.8	78.2M	-1.4	78.3M	-1.4								
HONOLULU WSD 703 AP	73.7	1.4	72.0	-1.3	73.6	-1.6	75.1	-1.3	77.5	-1.6	78.2	-1.7	79.8	-1.8	80.8	-1.5	80.7	-1.4	79.1	-1.2	75.3	-1.9	75.3	-1.6	76.8	-1.3
HONOLULU SUBSTA 704	73.6	1.3	71.7	-1.3	71.9	-1.6	72.2M	-1.4	74.3	-1.1	75.7	-1.4	76.2	-1.8	78.1	-1.5	77.7M	-1.8	77.3	-2.2	73.8	-1.9				
KANEHOLE HAKA 781	72.1	1.0	71.2	-1.2	71.2	-1.0	71.5	-1.1	74.0	-1.2	75.2	-1.7	75.6	-1.0	77.6	-1.6	77.9	-1.1	76.6	-1.7	73.8	-1.1	73.4	-1.4	74.2	-1.2
LUALUAE 804	71.0		70.5		72.1		73.5		76.0		76.7		78.0		79.0		79.0		74.7		71.7		72.4		70.7	
MANOA LYON ARBORETUM	69.9		67.3		67.7		69.3		69.3		70.2		70.9		73.5		73.7		74.7		71.7		72.4		70.7	
OPAEULA 870	70.2	3.4	68.7	2.3	70.1	3.3	69.5	1.4	71.6	1.6	72.1	1.4	72.8	1.4	74.8	1.7	75.5	2.2	75.8	3.5	71.6	1.2	71.3M	3.4	72.0M	2.1
PRI WAIPIA 820.2	69.3M		65.4M		64.2M		64.9M																			
WATAHEE 896.3	71.4M		70.6M		71.4		72.3M		74.1M		75.5M		76.1M		77.7M		78.4		77.0M		73.0M		72.9M		74.2M	
WATAHEE 847	70.5	1.4	69.1	-1.5	69.1	-1.0	71.0	-1.5	72.5	-1.8	73.7	-1.7	75.3	-1.8	76.2	-1.4	78.4	-1.0	74.4	-1.9	70.4	-2.7	70.4	-1.7	72.5	-1.8
WAIKIKI 717.2	73.4M		71.6		72.9		74.7M		75.8M		75.8		77.2		78.4M		78.8		78.5		75.0		74.5		75.6M	
WAIHANALO EXP FARM	72.6		70.8		71.1		72.8		74.7		75.8		76.7		78.7		78.6		76.5		73.0		73.5		74.6	
ISLAND	71.6		69.9		70.6		71.6		74.1		75.0		76.0		77.5		77.8		76.6		73.1		73.1		73.9	
ISLAND OF MOLOKAI																										
MOLOKAI AP 524	-		-		-		-		-		-		-		-		-		-		73.3		73.1M		-	
ISLAND	-		-		-		-		-		-		-		-		-		-		73.3		73.1		-	
ISLAND OF LANAI																										
LANAI CITY 672																										
ISLAND	-		-		-		-		-		-		-		-		-		-				-		-	
ISLAND OF MAUI																										
HALEKAKA RS 338	48.8	-2.2	48.3	-2.0	49.2	-1.0	49.6	-2.6	53.2	-1.4	53.7	-2.7	56.4	1.0	56.9	-1.1	56.5	1.1	53.3	-1.7	52.4	-1.2	51.5M	-1.2	52.9M	-1.1
MANA AIRPORT 355	72.0		70.5M		70.7M		71.9M		72.6		74.3M		74.8M		77.2M		76.5M		75.7		73.0M		72.1		73.7	
KANAPALI AP 433.1	71.5		70.0		71.0		72.1		73.7		74.4		76.4		77.1		78.1		77.1		74.8		74.7		75.4	
KAHULUI WSD 398 AP	71.1	-1.6	71.5	-1.1	72.8	-1.6	74.2	-1.4	75.0	-1.4	75.8	-1.3	78.4	-1.2	79.4	-1.6	78.9	-1.5	78.0	-1.7	74.8	-1.5	74.7	-2.1	75.4	-1.2
KAILUA 446			69.3M	1.4	67.9M	-1.2	69.4M	-1.2			70.9M	-1.1			72.8M	-1.5	73.9M	-1.6								
KEANAKAPU BEACH 260.2	71.5		70.7		71.5		73.3		73.8		75.2		76.3		77.7		78.0		76.0		73.4		72.7		74.2	
KULA SANATORIUM 267	62.7	1.2	61.4	-1.5	61.7	-1.5	62.2	-1.1	64.4	-1.9	65.3	-1.6	66.2	-1.6	67.6	1.3	68.5	2.4	66.4	-1.4	63.7	-1.7	63.1	-1.7	64.4	-1.7
LAHAINA 361	73.3	1.8	71.8	-1.3	72.6	-1.7	74.3	-1.0	75.0	-1.1	75.6	-1.9	76.9	-1.7	78.2	-1.2	79.4	1.7	77.4	-1.4	74.8	-1.4	74.2	-1.2	75.3	-1.5
WAILUKU 386			70.9M	-1.4	70.6M	-1.1	72.1M	-1.9			74.4M	-2.2			77.3M	-1.7	77.7M	-1.1								
ISLAND	66.6		66.7		67.1		68.2		69.0		70.6		71.5		73.3		73.1		71.1		68.5		67.1		69.4	
ISLAND OF HAWAII																										
HAWAII VOLCNS NP HO 54	57.7	-1.2	55.9	-1.7	57.7	-1.1	56.6	-2.4	58.3	-2.1	59.2	-2.5	60.9	-1.8	62.3M	-1.9	63.5	-1.5	61.9M	-1.5	59.8M	-1.8	58.4M	-1.0	59.4M	-1.0
HILO WSD 87 AP	71.3	-1.1	71.2	-1.2	71.6	-1.3	72.1	-1.1	73.0	-1.6	73.6	-1.0	74.5	-1.8	76.2	-1.3	76.9	1.3	76.2	-1.2	74.5	-1.0	73.2	-1.6	73.7	-1.3
KAINALIHI 79.2	67.2		66.5		66.5		65.9		67.7		68.7		69.0M		71.1M		70.7		70.7		68.6		67.6		68.6	
KANUELA 192.2	-		-		62.5M		61.7M		-		63.2M		-		66.8M		68.5M		-		62.6M		-		-	
KAPOHONOHONO 93.11	-		-		-		-		-		-		-		-		-		-		-		-		-	
KEAU 92	69.9		68.9		69.4		69.4		70.6		71.6		72.7		73.8		75.0		74.2		72.1		71.0		71.6	
KEALAKEKUA 2 28.7	69.5	-1.2	68.6	-1.8	68.3	-1.2	69.6	-1.8	70.9	-1.0	71.8	-1.9	72.6	-1.4	73.8	-1.8	75.0	-1.3	74.0	-1.1	71.0M	-1.2	70.7	-1.5	71.3M	-1.7
KONA MISSION 175.1																										
KONA (KAILUA) 68.3																										
KULANI CAMP 79	36.7M		51.8M		53.0		52.5		53.7M		54.6		57.1		57.8M		59.5		57.7		54.8		56.0M		55.1M	
MAUNA LOA SLOPE OBS	36.7		37.1		36.7		39.9		42.3		47.4		46.6		46.6		44.4		44.5		41.7		41.7		41.7	
MOUNTAIN VIEW 91	65.3		65.1		65.6		65.2		66.2		67.0		68.8		70.5		70.8		69.8		67.8		66.5		67.4	
NAALEHU 14			69.1M		69.9M		69.4M				71.9M				76.4M		76.9M									
OHAKA 223	70.0	-1.5	68.9	-1.9	68.8	-1.3	69.0	-2.1	71.3	-1.3	71.7	-2.4	72.6	-2.1	73.2	-2.9	73.2M	-2.2	72.2M	-2.5	71.2	-1.7	70.8	-1.1	71.0	-1.7
OPTIMALE 2 24.1	66.0		66.2		66.2		66.3		67.0		67.0		68.0		69.0		70.7		71.7		72.6		66.7		68.0	
PAMAKA 21			68.1M	-1.8	68.8M	-1.2	68.7M	-1.2			70.0M	-2.1			73.6M	-1.2	74.2M	-1.6								
PUAKO 85.1	71.3																									
UPOLU POINT USCG 159.2	-		71.8		71.0M		72.2M		74.0M		75.3		76.1		77.3M		78.2		77.4		74.6		74.1		75.9	
ISLAND	65.0		63.7		65.8		64.2		64.5		67.4		68.3		68.7		70.0		68.1		66.0		63.9		66.5	

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1976

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
PACIFIC																										
* * *																										
EAST OF 180TH MERIDIAN																										
CANTON ISLAND	80.8M		80.1M		81.4M		82.1M		82.2M		81.6M		83.9M		84.5M		82.4M		83.9M		84.7M		84.6M		82.7M	
JOHNSTON WSO AP	75.9	-.9	76.1	-.4	74.9	-1.7	76.3	-1.3	77.8	-1.1	79.0	-1.2	79.2	-1.6	80.1	-1.1	80.5	-.4	80.1	-.5	78.4	-.9	77.8	-.3	78.0	-.9
LEONE					86.4M		85.1M		82.6		82.8		81.4		83.0M		84.2		84.9M		85.8		84.7M			
FRENCH FRIGATE SHOALS	72.2	-.8	71.7	-.9	71.0	-1.1	72.1M	-.4	75.2	-.6	76.8	-.6	78.8	-.2	80.2	1.3	80.0	-.5	78.5	-.4	79.9	-.0	73.6	-.3	75.5M	-.3
MIDWAY SAND ISLAND	65.5	-.2	63.7	-1.8	67.1	-.7	67.8	-.2	72.8	1.4	74.5	-1.2	77.6	-.2			79.2	-.5			71.1	-.8				
PAGO PAGO WSO AP	79.6	-.7	79.8	-.7	80.6	-.2	80.5	-.1	79.1	-.4	78.8	-.3	78.5	-.2	78.8	-.6	78.9	-.1	80.8	1.4	80.9	1.0	80.1	-.1	79.7	-.1
SWAIN ISLAND											79.5		78.9		78.8		79.9		80.3							
* * *																										
WESTERN PACIFIC ISL, NORTH OF 12 N																										
ANDERSEN AFB GUAM	77.5	-.7	77.0	-1.2	79.3	-.8	77.6	-1.9	78.6	-1.7	79.6	-1.2	80.2	-.2	79.8	-.3	80.5M	-.7	80.2	-.2	80.9	-.6	80.9	-1.6	79.3M	-.3
CLARK AFB LUZON	77.6	-.2	79.2	-.4	80.9	-.2	82.6	-1.2	81.3	-2.9	79.3	-2.6	81.6	1.0	80.6	-.8	80.2	-.4	82.8	2.4	82.1	2.7	78.1	-.4	80.5	-.0
GUAM NAS	80.6	1.2	80.2	-.8	79.6	-.4	79.8	-1.0	80.6	-.7	81.8	-.0	81.6	-.2	81.5	-.3	81.6	-.6	83.3	2.5	82.2	1.2				
GUAM WSO	76.1	-1.2	76.6	-.7	77.4	-.3	78.4	-.6	79.1	-.3	79.5	-.3	79.4	-.0	79.0	-.1	78.6	-.5	79.5	-.6	78.8	-.4	77.6	-.9	78.3	-.4
SAIPAN LORAN	79.5		79.4		80.4		81.7						81.3M		81.0M		82.4M		82.3		81.7		80.6			
WAKE WSO AP	77.4	-.4	76.1	-.9	77.5	-.2	78.3	-.0	79.3	-.5	82.3	-.8	82.4	-.4	82.7	-.1	82.9	-.3	82.5	-.9	81.0	-.6	79.1	-.5	80.1	-.2
* * *																										
CAROLINE AND MARSHALL ISLANDS																										
ENIWETAK	78.4	-2.7	79.8	-1.2	79.8	-1.6	79.7	-2.5	80.7	-1.8			81.0	-1.7	81.4	-1.6	81.9	-1.2	83.2	-.4	82.4	-.1	81.8	-.1		
FALCON I, ULITHI	82.0		82.2		82.4						83.2M		81.0M		83.4M		82.6		83.8		83.1M					
KAPINGAMARANGI ATOLL	82.1		81.4		80.8		80.3				81.0		80.1						81.7M		81.9M					
KOROR WSO	81.9	-.7	80.9	-.2	81.4	-.3	81.7	-.2	82.5	-.5	82.0	-.4	82.0	-.9	80.7	-.5	81.8	-.2	82.4	-.5	82.8	-.9	81.6	-.3	81.8	-.3
KWAJALEIN MISSILE RGN	80.4	-.8	80.5	-.9	81.2	-.5	81.3	-.5	81.1	-.7	81.2	-.7	81.6	-.5	81.7	-.6	81.4	-1.1	81.5	-.9	81.7	-.0	81.5	-.1	81.3	-.6
LELE I, KUSAIE	82.7M	1.2			81.2M	-.0	82.0	1.1			81.4M	-.4			81.5M	-.2	81.7M	-.4	82.7M	1.0	82.4M	1.0	82.2	-.6		
MAJURO WSO AP	79.4	-1.4	79.4	-1.8	79.6	-1.6	79.5	-1.6	80.0	-1.3	80.0	-1.0	80.0	-1.0	80.7	-.8	80.4	-1.0	81.4	-.1	80.2	-1.0	80.1	-1.0	80.1	-1.1
METALANIM					82.4		83.1		82.9M								82.4M		83.9		83.0		82.9			
PONAPE WSO	81.6	1.0	80.2	-.5	81.1	-.3	80.1	-.6	80.2	-.5	80.4	-.1	80.3	-.3	79.8	-.2	79.6	-1.0	80.9	-.7	80.8	-.5	80.8	-.2	80.5	-.0
SATAHAN ATOLL	81.0M										82.4M															
TRUK, MOEN I, WSO AP	81.2				81.3	-.0	80.9	-.4	80.9	-.4	80.9	-.4	81.3	-.4	80.7	-.2	80.5	-.5	81.7	-.6	81.6	-.3	81.7	-.4	81.1	-.0
MOLEAI ATOLL	81.4										81.1		81.0M		79.8		78.6		80.7							
YAP WSO AP	79.2	-1.2	79.9	-.6	79.9	-1.1	79.8	-1.9	81.0	-.8	80.0	-1.7	79.8	-1.7	79.5	-1.5	79.5	-1.8	81.2	-.2	80.6	-.9	80.1	-.9	80.0	-1.2

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1976

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL			
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE		
HAWAII																												
* * *																												
ISLAND OF KAUAI																												
ANAHOLA 1114	A	5.56	5.45		5.93		4.11		1.62		1.49		3.07		3.38		2.74		2.06		2.37		.90		38.68			
BRYCESWOOD STA 985	A	3.92	9.34		7.43		11.00		3.82		3.17		4.61		4.43		1.73		2.06		1.14		1.99		56.64			
EAST LAWA 934	A	2.86	7.47		7.23		10.77		3.24		3.53		5.12		4.18		3.98		3.76		1.37		3.27		58.78			
ELELE 927	A	1.40	6.21		2.40		4.15		1.20		.95		1.31		2.23		.23		.25		.56		.42		21.21			
HAUULA 1110	A	5.46	5.70		6.20		5.14		1.15		2.08		3.94		3.33		2.92		2.34		3.12		1.18		43.56			
HALENAHMO 1006	A	5.31	7.32		8.33		10.57		3.88		3.58		6.16		3.70		5.08		6.45		1.39		4.34		66.15			
HUKIPO 945	A	2.64	2.46		4.87	1.87	2.04	.62	.52	1.50	.43	.76	.60	.32	.40	.15	1.78	.87	.50	.19	.00	1.82	.59	1.97	.08	4.70		
LIILUIULA INTAKE 1050	A	12.18	16.56		22.54		25.26		12.58		9.64		13.62		11.39		7.97		7.51		2.97		1.97		5.28	147.20		
INTAKE WAINIPA PC 1086	A	13.12	18.00		29.01		41.51		9.97		4.11		13.73		6.75		6.25		8.30		9.65		5.82		166.22			
KANALOHULU 1075	A	10.14	10.44		10.69		7.05		1.11		1.75		3.09		2.15		1.28		3.36		7.96		1.55		60.57			
KANEHA RESERVOIR 1092	A	12.84	9.52		15.54		11.38		3.83		4.23		8.34		6.53		4.98		7.50		5.65		5.21		95.55			
KAPAA STABLES 1104	A	5.14	5.88		7.27		4.94		2.03		1.99		3.90		3.36		3.09		2.75		2.52		1.84		44.71			
KEALIA 1112	A	4.78	5.85		6.21		4.60		2.30		1.52		3.84		2.99		2.01		2.36		2.63		1.04		40.13			
KEKAHA 944	A	1.76	2.87		4.59	2.02	1.91	.46	.33	1.23	.35	.69	.51	.12	1.95	1.20	.32	.42	.09	1.63	.53	1.65	.01	4.23	13.05	9.39		
KILAUEA 1134	A	11.84	6.20		10.78		6.24		4.04		2.18		5.48		5.94		4.27		2.68		1.96		3.06		84.69			
KILAUEA POINT 1133	A	7.16	5.10		5.03		4.10		1.94		1.37		4.10		4.99		2.45		1.95		1.24		1.56		40.99			
KOLD 1033	A	2.74	2.51		3.28	.50	2.78	.01	.47	1.36	.14	.89	.39	.15	.76	.25	1.10	.24	.03	.88	.57	1.36	.00	4.37	13.54	11.70		
KOLDA 936	A	3.02	8.58		7.82		11.08		4.42		4.26		5.62		4.34		4.14		4.51		1.80		3.01		62.00			
KOLDA LN (MAK) 940.1	A	8.95	8.57		9.51		4.03		1.46		.81		2.13		1.29		1.52		1.24		.75		1.10		33.06			
KOLDA MAUKA 994	A	9.27	4.50		8.81	.52	9.50	.85	12.78	6.12	4.73	1.43	5.10	.62	6.43	.94	3.80	5.00	4.04	2.34	4.24	3.70	1.94	6.33	3.48	6.71	70.12	25.12
KUKUIULA 935	A	1.93	6.83		4.21		6.75		1.97		2.75		2.50		2.08		1.93		1.38		1.58		2.43		36.34			
LIHUE VARIETY ST 10621	A	9.28	6.96		16.40		9.46		3.44		1.94		6.02		3.81		3.59		5.46		1.30		5.19		66.83			
LIHUE RIDGE 1020	A	4.45	5.67		8.44		6.10		1.62		1.42		3.26		2.21		2.72		3.99		1.20		3.72		44.80			
LIHUE WSD 1020.1 AP	A/R	2.55	2.69		4.86	.58	7.39	2.72	3.41	.16	.86	1.57	1.09	.48	2.09	.22	2.04	.17	1.73	.12	2.40	1.44	1.22	4.41	2.19	4.15	32.83	11.35
MAKAWELI 965	A	1.92	5.09		1.71		1.73		.31		.25		.70		1.52		.06		.15		.50		.18		14.12			
MANA 1026	A	2.51	2.43		4.18	1.62	3.17	.51	1.19	.43	.36	.71	.60	.11	1.01	.39	1.89	1.12	.06	.96	.14	1.67	.75	1.69	.00	4.06	15.84	8.20
MOHIHI UPR CROSS 1083	A	10.86	8.70		16.17		12.95		2.22		2.88		1.01		.08		6.78		2.29		3.91		1.77		2.12	73.73		
MOLDA 1145	A	6.08	5.44		4.79		3.68		1.39		1.55		2.94		3.36		1.55		1.52		1.54		1.15		35.01			
MOUNT WAILALEALE 1047	R	2.55	2.88		4.66	1.66	3.46	.30	1.66	.48	.58	.76	.71	.02	.85	.05	2.20	1.19	.15	1.40	.10	2.24	.94	1.95	.00	4.99	18.26	11.58
NIU RIDGE 1035	A	2.95	2.88		4.66		1.66		3.46		.30		1.65		.48		.85		.05		2.20		1.19		1.37	11.58		
N WAILUA DITCH 1051	A	14.12	16.25		23.98		23.86		11.69		8.75		12.80		10.00		7.22		11.17		4.17		5.98		149.99			
PA WAINIPA 1115	A	13.84	.83	12.53	.04	27.71	12.38	19.60	6.88	4.85	4.47	3.01	2.65	5.97	4.02	5.19	3.51	3.22	1.95	5.13	3.80	5.35	6.78	3.08	11.23	109.38	18.29	
PRINCEVILLE RANCH 1117	A	9.51	.70	7.83	.70	13.81	3.22	10.24	2.75	3.81	2.97	2.00	1.69	6.13	4.57	1.74	3.98	.27	2.92	3.72	2.83	6.85	2.48	7.00	71.38	16.55		
PUEHU RIDGE 1040	A	4.06	2.57	5.89	2.17	4.60	1.35	1.04	1.95	.37	1.59	1.13	.33	4.40	1.14	.47	.80	1.15	.66	1.22	2.05	1.43	1.96	.00	5.58	23.75	11.77	
PUMI 1013	A	1.45	6.08		4.31		4.48		1.21		1.20		1.30		1.58		1.20		.95		.68		1.05		26.98			
WAILUANA 930	A	1.67	4.13		5.99	2.40	2.41	1.13	5.17	2.49	1.93	.18	2.47	1.10	2.75	.98	2.51	.28	1.13	.63	.63	2.28	1.06	2.81	1.03	4.44	28.75	7.99
WAILUANA LOWER 1054	A	8.66	1.92	10.33	1.52	19.35	8.49	15.70	6.38	8.94	.43	5.08	1.93	1.66	.07	3.89	.90	8.14	.90	8.14	1.06	10.23	3.35	8.31	108.70	9.78		
WAILUANA UPPER 1052	A	10.27	2.54	13.97	3.40	20.93	7.97	20.63	8.62	9.10	1.39	7.81	1.18	11.51	.33	8.53	.47	5.63	.34	7.24	2.97	3.34	10.66	.92	9.46	10.38	17.95	
WAILUANA 943	A	2.38	2.30		4.96	2.62	2.11	.19	.52	1.06	.85	.39	.56	.25	.49	.05	2.41	1.60	.22	.59	.48	1.23	.52	1.64	.00	4.13	15.30	7.01
WAILUANA KAT 1065	A	4.93	6.98		9.54		8.80		1.74		1.25		4.18		2.93		3.00		4.13		1.32		3.08		49.80			
WAILUANA 947	A	1.96	3.02		5.28	2.33	2.10	.12	4.71	1.22	.08	.97	.24	.00	.55	.11	.87	.10	.97	.31	.16	1.68	.47	1.89	.00	4.39	12.75	10.44
WEST LAWA 931	A	2.34	6.91		4.68		4.51		2.86		3.00		3.98		2.68		2.05		1.94		1.33		1.69		1.69	41.12		
ISLAND		6.23	7.75		9.80		7.81		3.06		2.56		4.44		3.86		2.74		3.27		2.47		1.97		55.96			
* * *																												
ISLAND OF OAHU																												
ALPHA STADIUM-HALAWA	A	1.25	7.49		3.33		3.86		.76		.41		.71		1.30		.20		.50		.63		.69		21.13			
BERETANIA PUMPING STA	A	1.28	7.17		3.15		2.80		1.89		.37		1.27		.21		.73		.98		1.01		.05		21.11			
B Y U LAIE 903.1	A	3.50	7.92		4.67		8.85		1.32		1.12		1.82		1.63		2.57		2.54		.67		.50		34.31			
CAMPBELL TND PK 702.5	A	.88	14.28		.43		3.61		.35		.64		.28		.14		.09		.16		.36		.09		21.21			
CAMP 84 807	A	2.19	10.15		3.44		2.91		.62		.50		.84		.63		.58		.45		.89		.26		23.46			
COCONUT ISLAND 840.1	A	2.08	8.30		8.06		4.61		.81		1.06		1.39		.83		2.06		2.17		1.71		.66		33.74			
EIA PLANTATION 741	A	.40	4.32		8.68	6.25	1.96	.92	.51	.87	.80	.11	.10	.19	.32	.08	.42	1.24	.27	.33	1.30	.34	2.51	.18	3.36	13.13	8.94	
ELEHANO INTAKE 881	A	1.22	16.49		8.33		11.98		3.71		2.28		3.77		2.07		1.44		4.20		.42		.30		.69			
KANULUA 725.2	A	.74	7.66		.81		.73		.11		.12		.24		.28		.26		.20		.05		.04		11.54			
MONOLULU OBSERV 702.2	A	.74	7.66		.81		.73		.11		.12		.24		.28		.26		.20		.05		.04		11.54			
MONOLULU WSD 703 AP	R	1.29	3.11		6.08	3.62	2.67	.51	.71	.65	.26																	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1976

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
WAIKANE 885	8.94		13.78		19.63		13.87		14.10		11.24		8.50		6.04		6.01		11.19		12.05		3.94		129.29	
WAIKIKI 717.2	1.91		5.24		1.95		1.63		.17		.22		.53		.14		.53		.29		.90		.08		13.59	
WAIMANALO EXP FARM	3.13		7.42		7.23		2.43		.76		.71		1.56		.59		2.13		6.55		2.74		.40		35.69	
WAIHEA 892	1.67		14.22		5.56		7.86		2.80		.97		2.75		1.93		1.57		2.04		2.33		.27		43.97	
WAIKAMU 790	.78		8.61		2.92		1.16		.22		.29		.37		.30		.45		.56		.38		.14		16.18	
WILHELMINA RISE 721	2.42	3.08	7.58	3.59	8.10	3.39	5.54	2.00	2.82	.45	1.10	.27	3.68	1.42	.70	1.63	3.24	1.48	3.66	.52	3.48	.82	.24	5.30	42.54	1.75
ISLAND	9.14		11.06		8.39		7.45		2.93		2.00		3.76		2.07		3.26		3.58		2.90		.84		51.38	
ISLAND OF MOLOKAI																										
KALAPAPA 563	2.47		5.51		12.50		5.10		.83		.98		1.72		.72		4.03		1.90		3.86		1.20		40.82	
KAUNAKAKAI 536	.47		5.84		1.30		.11		.00		.10		.15		.15		.21		.30		.35		.52		10.60	
KEONELELE PENS 551	.00		5.75		5.50		1.83		.46		.50		.00		.00		.82		.42		1.22		.28		17.48	
KUALAPUU 534	1.80		4.87		6.68		3.40		.21		.60		1.10		.85		2.52		1.19		5.11		.01		28.64	
MAUNALO 911	.68		5.56		4.90		1.62		.34		1.10		.69		.66		1.59		1.03		2.02		.04		20.23	
MOLOKAI AP 524	-		-		-		-		-		-		-		-		-		-		2.79		.03		-	
PUU O HOKU RANCH 542.1	3.14		6.13		11.59		2.76		1.19		1.33		1.75		1.01		2.94		3.31		2.28		.49		37.92	
WAIKOLU 540	8.01		13.46		8.69		13.00		3.93		3.86		5.41		2.35		5.51		6.48		2.36		.18		73.24	
ISLAND	1.24		5.22		5.79		2.51		.28		.85		.90		.76		2.06		1.11		3.31		.13		24.16	
ISLAND OF LANAI																										
KANEPUU 690	1.34		5.82		6.05		.90		.25		.37		*		.58		.67		1.04		1.50		.45		E18.97	
KAUNAPAPA HARBOR 698	1.06	4.08	5.08	1.86	6.85	2.33	1.82	1.47	3.30	2.81	.28	.80	3.42	1.28	.03	1.00	1.85	.37	2.08	.40	2.08	2.50	.03	.394	.03	8.30
LANAI CITY 672	1.04		3.85		9.40		1.20		1.85		.52		.71		1.86		1.47		1.13		2.76		.34		E 26.34	
LANAIWALE 684	.18		6.00		4.57		.15		.05		.60		*		.25		.53		1.04		.18		1.55		E15.10	
MAHANA 694																										
MAHANA 676	5.10		2.03		.55		.01		.25		.25		*		.25		.00		E .76		.00		.43		E 9.38	
WAIKAEKUA 685	.48		5.74		2.38		.61		.05		.99		.61		.00		1.30		1.31		1.39		.08		E 14.94	
ISLAND	1.06		5.08		6.85		1.82		.30		.48		3.42		.63		1.85		2.08		1.63		.19		25.39	
ISLAND OF MAUI																										
AUHAMI 252	4.14		3.52		8.55		.90		.45		.00		1.05		.45		.85		1.01		1.95		.75		23.22	
HALEAKALA B & E 434	7.45		10.71		10.30		9.57		1.33		.18		1.97		1.42		1.85		3.90		7.14		.00		56.99	
HALEAKALA RANCH 432	3.97		8.55		6.82		3.75		.00		.01		.29		.00		.81		2.67		5.10		.00		31.94	
HALEAKALA RE 338	6.91	1.32	15.42	8.68	9.82	4.11	4.50	.47	.89	1.43	1.04	1.68	1.53	2.78	1.38	.43	1.32	2.31	1.57	3.98	.41	8.45	.41	8.45	10.17	
HALEAKALA 423	2.38		10.54		6.87		4.10		.53		.32		.77		1.53		.95		1.41		6.01		1.09		36.32	
HAKAUAPOKO 485	3.00	2.10	5.70	.85	8.26	2.45	4.23	.27	2.36	.47	1.95	.44	3.58	.02	1.84	1.81	1.71	.18	3.12	.57	4.33	.74	.77	5.96	60.85	9.26
HANA 354	5.56		4.21		15.93		4.30		2.68		1.99		5.07		1.78		3.37		5.42		4.70		3.45		59.06	
HANA AIRPORT 355	1.59		4.24		15.02		6.51		4.41		1.82		4.32		1.58		4.07		3.67		6.42		E .42		57.86	
HANAHULI 281	6.19		6.64		6.93		5.75		.65		*		.13		1.27		.91		.85		1.61		.23		37.41	
HOLUA CABIN 259.5	6.15		12.93		6.93		5.75		.65		*		.13		1.27		.91		.85		1.61		.23		37.41	
HONOKOHU 480	2.44		7.04		13.01		12.20		5.40		4.60		9.56		4.40		6.60		10.82		17.24		.00		93.31	
HONOKOHU 493	.49		4.72		5.56		1.69		.75		.97		.97		.68		.89		1.41		2.57		.79		21.05	
HONOHANU GULCH 341	14.00		12.40		20.80		6.00		3.20		3.40		3.10		3.00		3.50		4.20		6.00		1.00		80.60	
KAANAPALI AP 453.1	1.34		6.09		2.90		.94		.04		.04		.47		.02		E .31		.11		1.39		.08		E 15.73	
KAHOMA INTAKE 374	2.90		16.95		9.40		14.00		2.40		5.20		5.20		3.55		1.40		3.66		4.00		1.70		69.16	
KAHULUI WSD 398 AP	2.78	.81	2.16	.48	3.71	.84	.98	.27	.01	.61	.02	.19	.19	.20	.10	.24	.15	.12	.71	.37	1.92	.41	.10	2.74	12.83	5.60
KAILIHI 436	12.40		12.40		17.37		29.50		2.68		3.08		3.12		7.95	2.72	4.41	1.26	6.89		11.03		2.48		100.99	
KAILUA 446	8.07	3.04	13.03	2.74	17.96	5.00	12.22	.51	6.94	2.08	3.98	3.12	1.67	2.72	4.41	6.78	.87	1.26	8.12	1.60	10.17	2.19	3.12	9.09	100.28	23.59
KAUAI INTAKE 375	1.42		7.96		9.20		1.62		1.36		1.62		1.67		1.60		.87		.00		2.47		.61		33.05	
KEAMUA 410	1.12	2.97	3.68	.54	3.97	.89	.85	.93	.04	.67	.02	.26	T	.50	.02	.45	.10	.23	.39	.83	.68	.14	3.73	13.61	8.46	
KEANAE 346	19.80		17.00		31.30		20.80		11.00		6.30		12.50		*		15.60		15.60		17.70		6.00		173.60	
KEANAKAPU BEACH 260.2	1.83		1.41		2.00		.02		.00		.00		.00		.00		E .81		.00		.76		.15		E 6.98	
KIHEI 311	1.18	2.49	2.80	1.10	2.43	.40	T	.79	.00	.27	.00	.10	.00	.15	.00	.19	.10	.03	1.34	.66	.93	.75	.00	2.39	8.84	4.94
KIPAHULU 258	5.35	4.07	8.98	1.31	11.16	1.81	9.98	2.65	4.85	1.96	3.14	3.73	4.34	4.58	3.03	4.63	3.03	3.00	4.19	4.20	3.84	5.82	3.01	7.18	64.90	33.40
KULA HEIGHTS 323.2	5.35		5.98		5.70		.34		.17		.08		.05		.03		.03		.03		.03		.03		.03	
KULA SANATORIUM 267	2.61	3.03	5.44	1.99	8.96	5.43	2.4	2.74	.06	2.14	.17	1.24	.56	1.61	.09	1.98	1.20	.73	3.16	1.25	1.98	.97	.01	3.60	24.48	9.37
LAHAINA 361	.69	3.01	4.50	2.85	1.80	.24	T	.93	.00																	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1976

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
HAKALAU 142	15.34	6.66	12.05	.76	29.78	14.63	11.90	1.09	6.21	4.57	4.67	1.97	6.83	3.12	6.52	4.83	4.62	2.83	11.75	.64	12.01	1.25	7.70	8.56	129.40	7.05
HALEMAUNAU 52	19.34		21.23		7.93		4.39		1.23		*		.31				.64		3.13		1.78		2.48		62.46	
HALEPIULA 117	.30																									
HALEPECHUKU 111	15.15		7.28		6.32		1.36		.67		.00		.00		1.12		.61		.95		.42		.67		34.55	
HAWAII VOLCANES NP HQ 54	29.01	14.40	28.17	17.94	15.42	3.67	13.91	3.81	6.13	1.62	2.55	2.12	3.14	2.09	3.97	3.23	2.46	2.12	6.84	.05	4.63	6.84	6.70	5.63	118.93	16.12
HAWI 168	2.09		6.43		11.11		3.44		.89		1.29		2.77		3.01		1.26		3.94		7.90		3.06		67.19	
HILD COUNTRY CLUB 86.6	39.19		31.30		29.30		33.02		18.63		10.00		12.01		14.05		12.88		13.39		15.41		12.18		235.36	
HILD WSO 87 AP	15.62	6.55	11.63	1.27	23.88	11.31	11.58	1.30	6.01	4.06	5.93	3.64	4.80	4.08	5.13	5.75	5.31	2.13	11.35	.39	7.24	6.53	7.37	8.39	114.67	18.90
HOLUALOA 70	1.98		3.80		6.80		3.90		5.80		5.93		4.80		4.10		5.60		4.00		.70		1.04		48.45	
HOLUALOA BEACH 68	2.36		1.85		1.71		1.54		4.37		2.17		2.90		2.15		1.57		.63		.24		.26		21.75	
HONAHUWU 27	3.29		4.66		6.07		12.04		8.16		7.47		6.79		3.48		4.64		4.33		1.15		2.04		64.12	
HONOHINA 137	17.95	8.94	16.30	2.47	26.34	8.79	12.72	2.11	3.71	6.62	4.14	2.89	6.31	4.52	6.91	6.11	4.48	3.58	11.75	.04	15.21	1.15	8.50	9.19	136.72	13.71
HONOHU MAUKA 138	27.43	14.82	22.65	5.14	42.44	20.52	23.78	2.36	13.91	3.67	6.29	4.00	13.58	1.65	13.64	4.88	8.23	9.13	21.24	5.38	24.47	8.31	13.01	9.74	230.83	21.04
HONOLULA 71	1.65		3.40		6.60		3.00		3.00		2.53		2.60		2.00		1.67		1.62		.80		.21		28.51	
HUALALAI 72	.82		1.60		3.40		1.37		2.10		.42		.04		.14		1.30		.62		1.02		.00		12.83	
HUEHUE 92.1	2.63		2.45		5.47		2.67		2.61		1.65		1.40		2.23		.69		2.27		.43		.00		24.50	
KAAALA IHI 12	23.30		13.15		7.50		3.67		1.74		3.21		1.53		1.93		3.32		7.29		1.98		2.40		71.02	
KAAHALA 29	.67		3.75		4.15		4.84		6.22		7.44		5.06		2.90		2.26		2.27		.98		1.45		41.99	
KAINALU 73.2	1.18	2.89	3.74	.87	7.08	1.01	6.64	.75	7.75	.77	9.62	2.36	8.33	.25	5.18	2.96	4.42	2.83	3.89	1.47	.80	3.49	3.11	.50	60.88	8.13
KALADA 69.22	2.42		3.74		7.08		4.56		5.85		4.95		2.70		2.15		1.15		1.40		.67		1.19		37.86	
KALAPANA 1 67.8	12.26		12.41		13.97		10.37		2.98		1.06		2.16		2.02		1.19		3.27		2.52		5.26		69.47	
KAMADA 2 5	7.49		9.80		3.88		2.74		2.05		2.10		.80		.60		1.02		4.00		3.55		.89		40.32	
KAMUELA 192.2	2.02	2.18	3.94	.16	4.88	.91	2.35	1.20	4.35	1.75	1.51	.06	1.70	.61	.68	1.84	.75	.32	1.05	.98	3.94	1.16	1.03	3.81	24.31	10.52
KAPAPALA RANCH 36	18.18		20.70		10.35		2.20		.50		2.80		.13		.65		.40		5.03		2.42		1.06		64.44	
KAPOHO BEACH 93.11																					3.33		6.11			
KAPOHO LANDING 93.5	17.41		7.50		12.86		7.64		4.80		3.50		4.04		4.04		3.61		6.74		5.10		9.74		89.04	
KAWAIIKI LOWER 193	10.97		16.70		18.75		16.65		6.06		15.20		10.77		6.18		3.48		8.90		23.39		10.47		143.06	
KEAAU 92	19.08		16.73		24.79		16.67		7.45		3.36		6.66		7.59		4.00		11.20		9.50		8.65		135.68	
KEALAKEUA 2 28.7																							.96			
KIOLAKAA A & P 6	2.50		4.50		5.50		5.25		3.30		3.55		3.25		1.78		3.50		.46		1.80		2.00		37.39	
KTPA 89.2	31.19		31.52		30.49		26.60		15.63		8.34		11.95		10.80		9.72		18.18		14.69		12.58		221.69	
KOHALA MISSION 175.1	3.39	2.28	8.24	3.07	10.92	3.64	5.12	.89	1.83	2.69	2.15	1.47	4.98	.50	3.72	2.01	2.00	.55	5.02	.58	9.16	3.90	3.24	4.32	59.78	3.52
KOIHAE LOWER 196	9.73		4.58		13.97		10.58		2.87		5.05		10.05		5.32		2.41		5.77		23.33		7.92		101.59	
KONA (KAILUA) 68.3	.81		1.75		1.23		1.98		2.87		1.64		3.21		3.21		.00		2.55		.09		.48		17.32	
KONA VILLAGE 93.8	1.04		.69		.84		1.14		1.06		.46		1.53		.75		.10		.29		.10		.00		7.04	
KUKAIUA 222	11.23	3.90	14.45	2.83	18.90	4.51	13.27	.19	3.39	4.96	1.70	1.62	3.95	1.94	7.15	1.33	4.98	1.62	7.90	.50	16.46	6.78	7.85	6.17	111.23	4.31
KUKUIHALE MIC 199	9.60	.10	7.12	.07	17.24	7.38	8.41	.24	1.80	3.78	1.95	1.01	4.53	.40	5.13	.54	1.99	.74	6.49	.91	14.10	7.60	5.69	3.48	80.05	6.13
KUKUIHALE MILL 206	3.85		6.44		13.82		5.26		1.29		1.33		2.30		3.96		1.50		8.26		11.86		4.22		62.09	
KULANI CAMP 79	14.72		22.87		17.40		14.29		6.11		1.78		2.50		3.99		2.07		5.13		4.84		6.38		102.08	
KULANI MAUKA 76	9.59		7.91		6.02		2.88		.94		.00		.34		1.56		.08		3.66		.59		.73		34.41	
KULANI SCHOOL SITE 78	9.63		18.63		11.85		9.95		4.94		.85		2.71		3.91		2.49		5.29		3.40		4.24		78.09	
LANIHUA 88.2	2.68		2.54		8.77		8.28		8.18		6.03		6.47		5.51		1.97		2.84		1.13		2.42		57.82	
MAKAMALAU 103	3.56		2.47		8.15		1.63		.76		1.47		1.33		.37		.43		1.62		4.37		.30		26.40	
MANUKA 2	3.17		3.55		7.52		6.12		2.46		2.20		1.55		2.70		2.50		1.90		1.68		.10		35.45	
MAUNA KEA OBS 111.2	.75		.19		1.68		.11		.30		.00		.00		.47		.74		.34		.00		.11		4.69	
MAUNA LOA SLOPE OBS	9.35		1.62		4.49		.82		.66		.00		.21		.11		.87		.64		1.08		.09		15.94	
MIDDLE HOLUALOA 68.1	2.14		2.61		2.40		3.71		2.67		2.67		4.47		1.50		1.81		3.20		.33		.39		30.07	
MIDDLE PEN 147.1	.62		4.11		2.57		.57		1.22		1.25		.00		.00		.00		.98		.49		.00		11.81	
MOAULA 18	18.25		1.10		9.02		2.20		.50		.30				1.10		1.90		4.87		1.00		2.14			
MOUNTAIN VIEW 91	25.93	13.74	28.46	12.43	21.43	1.05	26.97	7.11	12.18	4.49	7.13	3.93	9.62	5.21	12.03	4.78	7.97	2.87	11.21	2.82	12.07	6.61	10.67	9.44	185.67	5.42
NAALEHU 14	13.66		9.90		7.98		3.83		1.15		1.24		.48		.18		.72		6.25		1.31		1.01		47.71	
NAPOOPOO 28	1.44		2.62		4.08		2.21		6.19		4.11		2.45		2.33		1.23		1.65		.56		.81		29.72	
ODKALA 223	13.68	6.54	15.56	4.24	19.42	5.36	14.29	1.15	4.08	5.27	2.67	1.76	5.07	2.17	6.68	2.75	4.00	.59	9.30	1.24	18.47	8.10	5.07	8.72	111	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1976

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
PACIFIC																										
* * *																										
EAST OF 180TH																										
MERIDIAN																										
CANTON ISLAND	4.22				3.52		1.21				2.55		2.98		2.76		4.76		*		3.04		4.80		25.82	
FAGA ALO RESERVOIR	4.15		6.10		3.30																					
FALEASAO VILLAGE	17.74		10.36		10.70		13.50		19.21		8.70		13.64		10.21		2.33		12.41		12.91		37.09		174.80	
JOHNSTON WSO AP	6.41	3.82	3.62	1.67	4.11	1.26	1.18	1.35	25.47	1.53	7.19	.09	.37	.72	.77	1.81	1.96	.09	2.40	1.08	2.14	.10	1.85	1.54	26.44	1.62
LEONE	9.47		14.98		5.69		10.95						20.91		4.30		3.51		3.91		13.96		28.90		151.24	
FRENCH FRIGATE SHOALS																										
MIDWAY SAND ISLAND	3.73	1.14	2.33	.58	1.41	2.37	1.98	1.18	.49	1.83	3.02	1.55	1.16	1.00	1.28	.46	1.18	.79	.64	3.31	1.80	1.70	.50	4.35	19.52	17.16
PAGO PAGO WSO AP	5.48	.81	7.84	4.12	.99	2.01	1.93	.44	2.81	.59	3.83	.87	.89	2.57	2.35	1.98	1.09	2.77	1.81	1.95	1.94	2.01	4.54	.28	35.50	7.09
SWAIN ISLAND	5.69	6.58	13.36	.80	4.01	8.06	10.31	1.95	18.98	8.29	7.11	2.30	8.73	1.79	4.09	3.31	5.17	.91	3.50	8.60	12.19	1.88	21.38	6.53	114.52	14.02
* * *																										
WESTERN PACIFIC ISL																										
NORTH OF 12 N																										
ANDERSEN AFB GUAM	16.28	11.39	12.47	8.43	7.36	4.66	4.68	1.01	35.18	30.78	5.20	.56	10.88	1.87	19.34	8.03	12.36	1.20	7.86	6.17	9.44	1.48	11.02	5.16	152.05	66.00
CLARK AFB LUZON	.63	.04	.24	.27	1.75	.90	.59	.94	23.50	27.04	24.24	13.35	10.81	1.63	12.50	4.92	19.96	6.12	1.76	3.71	.08	3.39	.66	.72	106.72	31.85
GUAM NAS	18.09	13.53	9.25	6.53	7.73	5.45	3.99	.16	24.07	19.80	6.42	1.31	14.06	4.96	18.44	6.56	10.33	3.60	4.27	8.87	10.35	1.63	4.74	.33	131.74	47.13
GUAM WSO	20.39	15.23	13.56	9.30	9.04	6.10	4.37	.34	40.13	35.64	6.40	1.21	13.38	3.79	24.40	12.24	10.79	3.29	6.62	7.77	7.91	.60	8.91	3.06	165.91	75.25
MANGILAO	20.20		10.04		8.09		6.59				8.94		17.82		19.61		20.98		3.97		8.78		6.20		151.22	
* * *																										
ROTA																										
SAIPAN LORAN	8.65		3.24		1.83		2.71										11.74		2.90		6.15		3.41			
WAKE WSO AP	1.19	.11	3.49	2.28	6.91	5.31	1.53	.69	1.29	.96	1.81	.34	3.18	1.27	2.69	3.68	2.24	3.45	1.40	4.05	2.44	.58	.64	1.09	28.81	8.59
* * *																										
CARLINE AND																										
MARSHALL ISLANDS																										
ANGUAR	-		-		8.52	1.68	21.66	14.10	2.37	8.12	10.28	.92	7.79	7.61	15.08	2.13	6.53	4.24	6.86	4.50	8.18	1.76	12.43	2.48	-	
ENIYETAK	12.10	.75	5.41	.78	2.07	.51	6.31	4.20	5.07	.71	-		7.31	.44	7.81	.58	6.95	.88	1.88	8.03	7.31	1.58	2.51	.59	-	
FALALOP I, ULITHI	3.16		11.49		6.93		-		-		5.40		-		-		-		5.99		-		-		-	
KAPINGAMARANGI ATOLL	7.80	2.99	7.27	.16	13.63		17.24		13.28		5.91	7.84	11.50		-		-		-		-		-		-	
KOROR WSO	-		-		8.05	.26	20.09	11.40	8.66	5.87	5.91	7.84	8.08	8.11	16.64	1.24	7.72	5.27	12.49	.10	6.30	4.37	16.54	3.67	125.55	18.14
* * *																										
KWAJALEIN MISSILE RGN																										
LELE I, KUSAIE	4.18	.44	9.05	6.70	6.73	.52	12.31	6.40	11.03	1.32	11.24	1.31	8.79	.91	8.94	1.26	13.50	2.63	10.43	1.54	5.81	5.65	2.46	6.77	104.47	3.19
MAJURO WSO AP	9.95	6.33	29.83	9.89	16.60	6.62	-		-		-		-		10.77	5.92	12.10	2.82	12.70	.97	-		15.22	6.52	-	
METALANIH	8.57	.39	9.42	2.44	15.68	6.43	19.41	9.10	15.28	3.13	9.43	2.74	16.78	3.14	8.36	3.42	17.66	3.27	8.95	7.05	12.70	2.68	2.77	9.11	145.01	2.12
NCASANG, BABELTHUAP	7.53		11.02		29.28		25.04		22.00		-		-		18.68		22.06		26.50		-		25.57		-	
	8.33		8.89		6.24		15.42		-		-		16.85		12.50		7.99		-		-		-		-	
* * *																										
PONAPE WSO																										
SATAVAN ATOLL	6.02	5.73	12.76	1.32	25.30	10.26	20.18	.60	24.39	4.96	20.99	5.33	13.04	4.78	32.74	16.04	24.11	7.35	16.94	.52	26.34	9.17	13.48	2.47	236.29	42.57
* * *																										
TAUUKU HOEN I, WSO AP																										
WOLEAI ATOLL	10.37	1.98	9.37	2.97	5.70	2.28	17.80	4.63	28.39	12.65	12.26	.33	11.55	3.88	14.74	1.30	13.14	2.07	15.22	1.83	16.09	4.10	6.41	7.51	163.24	17.55
YAP WSO AP	5.81		-		-		-		-		6.34		-		7.83		10.91		7.05		-		-		-	
	7.36	1.08	3.19	2.22	8.76	3.18	6.77	.79	12.52	2.49	13.20	2.40	11.42	3.21	16.29	1.15	12.44	.35	2.59	9.83	8.88	1.15	9.97	.09	114.50	7.04

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES

HAWAII AND PACIFIC
1976

Station	Highest	Date	Lowest	Date	Station	Highest	Date	Lowest	Date
HAWAII					PACIFIC				
* * *					* * *				
ISLAND OF KAUAI					EAST OF 180TH MERIDIAN				
KANALOHULU 1075	80	8-7	38	2-2	CANTON ISLAND	98	8-28+	64	2-20
KILAUEA POINT 1133	89	11-25	61	3-14+	JOHNSTON WSO AP	86	9-17	66	1-5
KOLOA LN (MAK) 940.1	93	10-4+	50	2-3	LEONE	95	11-19	-	-
LITHUE WSO 1020.1 AP	87	9-25+	57	2-2	FRENCH FRIGATE SHOALS	91	9-27+	60	3-2+
MANA 1026	92	9-27	53	2-15	MIDWAY SAND ISLAND	88	9-22+	51	2-3+
NIU RIDGE 1035	90	10-23+	52	2-2	PAGO PAGO WSO AP	90	12-30+	67	9-18+
WAIAMI LOWER 1054	88	9-24	47	2-2	SWAIN ISLAND	-	-	-	-
* * *					* * *				
ISLAND OF OAHU					WESTERN PACIFIC ISL; NORTH OF 12 N				
ALOWA STADIUM-HALAWA	92	8-25	54	2-2	ANDERSEN AFB GUAM	89	9-23	71	5-20+
B Y U LAIE 903.1	86	10-24+	54	2-3	CLARK AFB LUZON	97	5-2+	68	12-22+
EWA PLANTATION 741	92	9-27	53	2-3+	GUAM NAS	91	9-2+	72	8-21
HONOLULU WSO 703 AP	91	9-24+	53	2-2+	GUAM WSMO	88	10-16+	60	2-23
HONOLULU SUBSTA 704	86	9-24+	60	2-2	SAIPAN LORAN	97	10-10	62	12-30
KANEHE MAUKA 781	87	9-24+	61	3-12+	WAKE WSO AP	92	6-29	67	2-17+
LUALUALEI 804	-	-	-	-	* * *				
MANDA LYON ARBORETUM	87	10-4+	52	3-12+	CAROLINE AND MARSHALL ISLANDS				
OPAULA 870	88	10-7+	55	2-3+	* * *				
PRI WAIHANA 820.2	-	-	-	-	* * *				
WAIALEE 896.3	87	10-6+	61	3-17+	ENIWETAK	94	4-21+	64	2-28
WAIALUA 847	90	9-8	53	3-12+	FALALOP I, ULITHI	-	-	-	-
WAIKIKI 717.2	92	9-25+	53	3-12+	KAPINGAMARANGI ATOLL	-	-	-	-
WAIMANALO EXP FARM	89	10-3	55	3-12	KOROR WSO	95	6-3	72	8-15+
* * *					KWAJALEIN MISSILE RGN	89	9-19	71	6-18+
ISLAND OF MOLOKAI					LELE I, KUSAIE	-	-	70	10-1+
MOLOKAI AP 524	-	-	-	-	MAJURO WSO AP	89	9-27	71	4-9+
* * *					METALANIM	91	4-11	-	-
ISLAND OF LANAI					PONAPE WSO	92	10-8	67	2-7
LANAI CITY 672	-	-	-	-	SATANAN ATOLL	-	-	-	-
* * *					TRUK, MOEN I, WSO AP	90	10-26+	71	9-17
ISLAND OF MAUI					WOLEAI ATOLL	89	11-21+	69	3-28+
YAP WSO AP	-	-	-	-	* * *				
HALEAKALA RS 338	75	9-13+	28	2-1	* * *				
HANA AIRPORT 355	86	10-10+	50	5-16+	* * *				
KAANAPALI AP 453.1	87	10-4+	57	3-13+	* * *				
KAHULUI WSO 398 AP	93	8-17+	55	3-12+	* * *				
KAILUA 446	-	-	54	2-2	* * *				
KEAWAKAPU BEACH 260.2	93	7-16	52	2-2	* * *				
KULA SANATORIUM 267	82	9-26	48	2-2	* * *				
LAHAINA 361	91	9-19+	57	3-12	* * *				
WAILUKU 386	89	8-18	56	2-4	* * *				
* * *					* * *				
ISLAND OF HAWAII					* * *				
HAWAII VOLCNS NP HQ 54	80	10-9	40	12-7	* * *				
HILO WSO 87 AP	91	10-2	59	2-4+	* * *				
KAINALIU 73.2	83	10-23+	48	2-2	* * *				
KAMUELA 192.2	83	9-20+	44	12-6	* * *				
KAPOHO BEACH 93.11	-	-	-	-	* * *				
KEAAU 92	90	10-3	55	2-4	* * *				
KEALAKEKUA 2 28.7	-	-	-	-	* * *				
KOHALA MISSION 175.1	85	10-7+	56	3-13+	* * *				
KONA (KAILUA) 68.3	88	10-11+	60	2-3+	* * *				
KULANI CAMP 79	79	8-16	34	2-2	* * *				
MAUNA LOA SLOPE OBS	61	6-30+	23	2-1	* * *				
MOUNTAIN VIEW 91	86	10-4+	54	12-20+	* * *				
NAALEHU 14	90	10-1	54	12-28	* * *				
OOKALA 223	83	9-8	51	10-20	* * *				
OPIHIHALE 2 24.1	86	9-24	50	12-14+	* * *				
PAHALA 21	88	10-12	57	11-19+	* * *				
PUAKO 95.1	-	-	-	-	* * *				
UPOLU POINT USCG 159.2	89	9-24+	-	-	* * *				
* * *					* * *				
STATE EXTREMES					* * *				
HAWAIIAN STATIONS ONLY					* * *				
KAHULUI WSO 398 AP	93	8-17	-	-	* * *				
KEAWAKAPU BEACH 260.2	-	7-16	-	-	* * *				
MAUNA LOA SLOPE OBS	-	-	23	2-1	* * *				

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

HAWAII AND PACIFIC
1976

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
HAWAII														
* * *														
ISLAND OF KAUAI														
LIHUE WSO 1020.1 AP	EVAP	5.52	6.378	6.968	8.08	10.40	10.62	11.15	10.35	9.55	8.19	7.44	6.62	101.25
	WIND	4157	48898	4849	6511	5699	5371	6643	5394	4534	4584	4556	4288	61475
	MAX	78.7	77.0	78.8	79.9	83.4	83.8	85.2	88.3	90.1	86.6	82.8	81.6	82.9
	MIN	58.3	57.9	58.1	60.0	60.5	61.3	63.5	68.1	69.5	67.6	63.2	64.0	62.7
* * *														
ISLAND OF OAHU														
HONOLULU OBSERV 702.2	EVAP	4.92	5.378	6.698	9.15	10.80	11.34	13.29	14.06	10.00	9.89	7.95	7.38	110.84
	WIND	851	1176	1098	1286	1194	1117	1234	1130	847	978	1062	862	12835
	MAX	81.0	80.8	82.0	87.4	91.2	93.0	94.3	95.4	93.3	91.0	84.9	83.7	88.2
	MIN	60.8	61.2	61.1	64.1	67.6	69.3	69.8	69.7	70.5	68.2	64.5	63.6	65.9
PACIFIC														
JOHNSTON WSO AP														
	EVAP	8.888	9.808	11.538	10.16	10.99	10.98	12.09	11.14	10.578	9.65	9.348	8.82	123.95
	WIND	5604	6983	7798	68438	6949	5512	6945	6550	5743	6157	6690	7099	78783
	MAX	81.5	81.7	81.0	83.3	85.8	87.3	85.8	87.3	88.1	86.1	82.2	82.5	84.4
	MIN	66.6	65.8	66.1	67.1	68.2	69.1	69.2	70.2	70.3	70.4	68.8	68.3	68.3
* * *														
WESTERN PACIFIC ISL, NORTH OF 12 N														
GUAM WSMO	EVAP	6.278	5.58	7.22	7.62	7.378	7.65	6.59	6.338	5.47	7.36	6.43	6.568	80.45
	WIND	4439	3941	4462	4174	4518	3826	2395	2991	2653	3341	4072	4440	45252
	MAX	81.6	81.9	83.6	85.5	86.1	85.8	86.7	84.9	85.7	86.6	84.2	82.5	84.6
	MIN	67.1	67.1	68.7	68.0	69.4	68.8	69.7	68.9	69.7	68.8	68.9	67.6	68.4

See Reference Notes Following Station Index

STATION INDEX

HAWAII AND PACIFIC
1976

Station	Index No.	Division No.	DISTRICT	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	221 57	159 32	1610						
ANAHOLA 1114	A	0145	01	KAWAIIHAU	122 08	159 18	180		47				C
BRYDESWOOD STA 983	A	0240	02	KOLOA	221 56	159 32	720		68				2
EAST LAWA 934	A	0456	02	KOLOA	221 55	159 30	440		76				2
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIIHAU	222 06	159 22	280				OCT		C
ELEELE 927	A	0470	02	KOLOA	221 54	159 35	163		77				2
HALAULA 1110	A	0935	01	KAWAIIHAU	122 07	159 19	253		76				2
HALENANAOH 1006	A	1038	02	LIHUE	221 58	159 26	490		46				
HANALEI TUNNEL 1053	A	1170	01	KAWAIIHAU	122 05	159 28	1218						
HUKIPO 945		2161	03	WAIIMEA	321 59	159 41	800		37				2
ILIILIUULA INTAKE 1050	A	2222	02	LIHUE	222 02	159 28	1050		43				2
INTAKE WAINIHA PC 1086A		2227	01	HANALEI	122 09	159 34	690		13				2
KANALOHULUHULU 1075		3099	03	WAIIMEA	322 08	159 40	3600	13	23			1	2 3 C
KANEHA RESERVOIR 1092	A	3104	01	KAWAIIHOU	122 08	159 23	830		15				2
KAPAA STABLES 1104	A	3159	01	KAWAIIHAU	122 05	159 20	175		37				2 C
KEALIA 1112	A	3982	01	KAWAIIHAU	122 06	159 19	9		78				2
KEKAHA 944		4272	03	WAIIMEA	321 58	159 43	9		83				2 C
KILAUEA 1134	A	4561	01	HANALEI	122 13	159 25	320		92				2 C
KILAUEA POINT 1133		4568	01	HANALEI	122 14	159 24	180	26	27			1	2 3
KITANO 1037.1		4650	03	WAIIMEA	322 02	159 41	2150				OCT		C
KOLO 1033		4735	03	WAIIMEA	322 04	159 46	36		41				2
KOLOA 936	A	4742	02	KOLOA	221 55	159 28	240		91				2
KOLOA LN (MAK) 940.1		4748	02	KAUAI	221 52	159 27	52	20	20		APR	1	2 3
KOLOA MAUKA 994	A	4750	02	KOLOA	221 57	159 29	640		73				2
KOLOKO RES 1137	A	4758	01	KAWAIIHAU	122 11	159 23	650		44		APR		2
KUKUIULA 935	A	4950	02	KOLOA	221 54	159 30	100		75				2
LIHUE VARIETY ST 10621A		5560	02	LIHUE	222 01	159 23	380		15				2 C
LIHUE 1020	A	5575	02	LIHUE	221 59	159 22	207		73				2
LIHUE WSD 1020.1 AP	R	5580	02	LIHUE	221 59	159 21	103	27	27	23		1	2 3 4 C
MAKAHUEA-KAUAI 940.1		5785	02	KOLOA	221 52	159 27	52	20	20		APR	1	2 3
MAKAWELI 965	A	5864	03	WAIIMEA	321 55	159 38	140		86				2
MANA 1026		6082	03	WAIIMEA	322 02	159 46	20		73				1 2 3
MAM 1001		6097	02	KOLOA	221 55	159 28	300				OCT		C
MOHIHI UPR CROSS 1083	A	6433	01	WAIIMEA	322 07	159 36	3500		13				2
MOLAA 1145	A	6529	01	KAWAIIHAU	122 11	159 20	330		51				2
MOUNT WAIKALEALE 1047	R	6565	03	WAIIMEA	222 04	159 30	5148		30				2
NIU RIDGE 1035		6850	03	WAIIMEA	322 02	159 44	1250		38				1 2 3
N WAILUA DITCH 1051	A	6888	02	LIHUE	222 04	159 28	1110		50				2
N WAILUA RIVER 1055	A	6893	02	KIHUE	222 04	159 26	650						S
PH WAINIHA 1115		8155	01	HANALEI	122 12	159 34	101		70				2 C
PRINCEVILLE RANCH 1117		8165	01	HANALEI	122 13	159 29	295		68				2 C
PUEHU RIDGE 1040		8205	03	WAIIMEA	322 01	159 42	1660		38				2
PUHI 1013	A	8217	02	LIHUE	221 58	159 24	329		42				2
STABLE CAMP 1055.1		8694	02	LIHUE	222 04	159 27	740						C
WAIKAWA 930	A	8941	02	KOLOA	221 54	159 34	215		73				2 C
WAIKAWA LOWER 1054		8958	02	LIHUE	222 01	159 27	565		48				1 2 3
WAIKAWA UPPER 1052		8966	02	LIHUE	222 01	159 28	780		45				2
WAIKAWA 943		9253	03	WAIIMEA	321 59	159 43	10		83				2
WAILUA KAI 1065	A	9467	02	LIHUE	222 02	159 21	50		15				2
WAIIMEA 947		9629	03	WAIIMEA	321 58	159 41	20		65				2
WEST LAWA 931	A	9955	02	KOLOA	221 54	159 31	210		76				2
ISLAND OF OAHU													
AHUMANU LOOP 839.12		0055	01	KOOLAUPOKO	121 26	157 51	320						C
ALOHA STADIUM-HALAWA		0172	03	OAHU	321 23	157 56	40	2	2			1	2 3 C
BERETANIA PUMPING STA		0211	02	HONOLULU	221 19	157 51	20		19				2
B Y U LAIE 903.1		0240	01	KOOLAUPOKO	121 39	157 56	20		5				1 2 3
CAMPBELL IND PK 702.5		0248	02	OAHU	321 19	158 07	10		6				2
CAMP 84 807	A	0300	03	EWA	321 26	158 04	760		22				2 C
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	121 26	157 47	15		20				2
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	221 21	157 50	565						C
EWA PLANTATION 741		0507	03	EWA	321 21	158 02	5		71	86		1	2 3 C
HALAWA SHAFT 771.2		0964	02	HONOLULU	221 23	157 54	170						C
HELEMANO INTAKE 881	A	1384	05	WAIKALUA	521 33	158 00	1274		60				2 C
HOKULOA 725.2	A	1540	03	EWA	321 24	158 06	2220						2
HONOLULU OBSERV 702.2		1918	03	EWA	321 19	158 00	5		15	15			2 4
#HONOLULU WSD 703 AP	R	1919	02	HONOLULU	221 20	157 55	7	31	31			1	2 3 C
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	221 19	157 52	12	73	73			1	2 3 C
H S P A EXP STA 707		2146	02	HONOLULU	221 18	157 50	50		60				2
KAALAKEI 724.6		2269	02	HONOLULU	221 18	157 43	10				JUN		C
KAENA POINT 841.3		2410	04	WAIKALUA	421 34	158 15	1240		5				2
KAHANA 883	A	2462	01	KOOLAULOA	121 31	157 54	800		60				2
KAHUKU 912	A	2570	01	KOOLAULOA	121 41	157 59	25				JUN		C
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	121 24	157 45	10		19				2 C
KALAMA VALLEY 724-13		2842	02	OAHU	221 18	157 41	75						C
KALIHI RES SITE 777	R	2960	02	HONOLULU	221 23	157 50	910		50				2

HAWAII AND PACIFIC
1976

- 11 -

STATION INDEX

HAWAII AND PACIFIC
1976

Station	Index No.	Division No.	DISTRICT	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ISLAND OF MAUI													
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	120 55	156 19	525						FEB	C
HALEAKALA B E S 434 A	0995	01	MAKAWAO	120 51	156 18	2100			56				2
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	120 50	156 19	1850			86				2
HALEAKALA RS 338	1004	02	MAKAWAO	220 46	156 15	7030	32	39					1 2 3
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	220 43	156 16	9960	17	17				SEP	1 2 3 C
HALIIMAILE 423 A	1075	01	MAKAWAO	120 52	156 21	1070			14				2
HAMAKUAPOKO 485	1086	01	MAKAWAO	120 55	156 21	320			94				2
HANA 354 A	1122	01	HANA	120 45	155 59	120			15				2 C
HANA AIRPORT 355	1125	01	HANA	120 48	156 01	61	27	27					1 2 3
HANAHULI 281	1148	01	HANA	120 41	156 01	325		29				MAY	2
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	220 45	156 13	6930		14					2
HONOKOHU 480 A	1882	04	LAHAINA	420 58	156 36	870		13					2
HONOKOHU 493 A	1887	04	LAHAINA	421 00	156 39	135		50					2
HONOLUA FLD 49 494	1914	04	LAHAINA	421 01	156 38	125							S
HONOMANU GULCH 341 A	1935	01	MAKAWAO	120 47	156 14	6280		42					2
IAD NEEDLE 387.2	2208	03	WAILUKU	320 53	156 33	1080							C
KAAHAPALI AP 453.1	2307	04	LAHAINA	420 56	156 42	8	10	10					1 2 3
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	420 59	156 33	650							C
KAHOMA INTAKE 374 A	2552	04	LAHAINA	420 54	156 38	2000		67					2
KAHULUI WSO 398 AP R	2572	03	WAILUKU	320 54	156 26	48	22	22					1 2 3 C
KAILIILI 436 A	2630	01	MAKAWAO	120 51	156 16	2520		53					2
KAILUA 446	2679	01	MAKAWAO	120 54	156 13	700	65	74					1 2 3
KAUOLA INTAKE 375 A	3433	04	LAHAINA	420 53	156 38	1585		59					2
KAUPU RANCH HOUSE 259	3576	02	HANA	220 39	156 08	1020							C
KEAHUA 410	3910	03	MAKAWAO	320 52	156 23	480		59					2
KEANAE 344 A	4091	01	HANA	120 50	156 10	980		73					2
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	220 42	156 27	20		14					1 2 3 C
KIHEI 311	4489	03	WAILUKU	320 47	156 27	90		55					2
KIPAHULU 258	4634	01	HANA	120 39	156 04	260		77					2
KUIAHA EXP STN	4840	01	MAUI	120 54	156 18	920						FEB	C
KUKUI 380	4887	04	LAHAINA	420 54	156 35	5788							S
KULA HEIGHTS 323.2	5003	02	MAKAWAO	220 47	156 19	2520		14					2 C
KULA SANATORIUM 267	5006	02	MAKAWAO	220 42	156 22	3004	40	60					1 2 3
LAHAINA 361	5177	04	LAHAINA	420 53	156 41	45	33	64					1 2 3 C
LAUNIPOKO INTAKE 376 A	5404	04	LAHAINA	420 51	156 37	1280		64					2
LAUNIPOKO VILLAGE 372A	5408	04	LAHAINA	420 51	156 39	220		51					2
LUPI UPPER 442 A	5665	01	MAKAWAO	120 53	156 15	1240		80					2
MAHINAHINA 466 A	5715	04	LAHAINA	420 57	156 40	715		64					2
MOKUPEA 475	6521	04	LAHAINA	420 59	156 37	1290							S
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	421 02	156 36	340		40					2
OLINDA 332 A	7040	01	MAKAWAO	120 48	156 17	4127		60					2
OLDWALU 296	7059	04	LAHAINA	420 49	156 38	7		27					2
PAAKEA 350	7194	01	HANA	120 49	156 07	1260		73					2 C
PAIA 406	7566	01	WAILUKU	120 55	156 23	170		73					2
PANTLEIHULU 259.2 A	7674	02	HANA	220 41	156 08	3570		14					2
PEAHI 488.6	7952	01	MAUI	120 54	156 17	830		1					2
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	320 49	156 31	167		24					2
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	220 41	156 20	6150		14					2
PUDOHAKA 2 343	8336	01	HANA	120 50	156 13	2980		49					2
PUUNENE 396	8543	03	WAILUKU	320 53	156 27	60		73					2
PUU PAKI 352 A	8553	01	HANA	120 46	156 03	2160							S
SPRECKELSVILLE 400.2	8688	03	WAILUKU	320 54	156 25	85		70					2
TWIN GATES 261.3 A	8742	03	MAKAWAO	320 46	156 23	1310		14					2
UKULELE 393	8744	01	MAKAWAO	120 48	156 15	5230		72					2
UKUMEHAME 301	8750	04	LAHAINA	420 48	156 35	75		48					2
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	220 39	156 24	1900		23					2 C
WAHIKULI 364 A	8955	04	LAHAINA	420 54	156 40	580		57					2
WAIHEU CAMP 484	9275	03	WAILUKU	320 55	156 31	320		68					2
WAIHEE VALLEY 482	9315	04	WAILUKU	420 57	156 32	300		61					2
WAIKAMOI 449 A	9332	01	HANA	120 52	156 12	1200		71					2
WAIKAMOI DAM 336 A	9335	01	MAKAWAO	120 49	156 14	4320		60					2 C
WAIKAPU 390	9376	03	WAILUKU	320 51	156 31	370		83					2
WAILUA IKI 348	9460	01	HANA	120 48	156 09	2630							S
WAILUKU 386	9484	03	WAILUKU	320 54	156 30	180	66	76					1 2 3
WAIOPAI RANCH 256	9765	02	HANA	220 38	156 12	220		79					2
ISLAND OF HAWAII													
AHUA UMI 75	0040	05	N KONA	519 38	155 47	5220		54					2
CITY OF REFUGE 27.4	0344	04	S KONA	419 25	155 55	15	7	7					2
HAUNA 214	0840	01	HAMAKUA	120 06	155 28	461		88					2
HAKALAU 142	0905	02	S HILO	219 54	155 08	105		86					2
HALEMAUMAU 52	1033	03	KAU	319 24	155 17	3648		45					2
HALEPIULA 117	1060	01	HAMAKUA	119 56	155 24	5770		63					2
HALEPOHAKU 111	1065	02	HAMAKUA	219 46	155 28	9220		38					2
HAWAII VOLCNS NP HQ 54	1303	02	KAU	219 26	155 16	3971	64	65					1 2 3 C
HAWI 168	1339	01	N KOHALA	120 14	155 50	580		78					2 C
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	219 41	155 10	1600		7					2 C
HILO WSO 87 AP R	1492	02	S HILO	219 43	155 04	27	31	35					1 2 3 C

STATION INDEX

HAWAII AND PACIFIC
1976

Station	Index No.	Division No.	DISTRICT	Drainage	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ISLAND OF HAWAII													
HOLUALOA 70	A	1557	04 N KONA	419 38	155 55	3220		49					2
HOLUALOA BEACH 68	A	1562	04 N KONA	419 37	155 59	14		57					2
HOLUALOA MAKAI 69.16		1570	04 HAWAII	419 38	155 58	1040						OCT	C
HONAUNAU 27		1665	04 S KONA	419 27	155 53	1089		39					2
HONCHINA 137		1701	02 N HILO	219 56	155 09	300		84					2
HONOMU MAUKA 138		1960	02 S HILO	219 51	155 09	1100		39					C
HONUAULA 71	A	2047	04 N KONA	419 40	155 53	6250		48					2
HUALALAI 72	A	2151	04 N KONA	419 42	155 52	8190		49					2
HUEHUE 92.1	A	2156	04 N KONA	419 45	155 59	1960		74					2
KAALA IKI 12	A	2249	03 KAU	319 08	155 34	1340		39					2
KAHALA 29	A	2327	04 SOUTH KONA	419 30	155 55	1340		36					2
KAHAWAI 3.4		2512	03 KAU	319 08	155 46	3700							C
KAIHALIU 73.2		2751	04 N KONA	419 32	155 56	1500		47					1 2 3
KALADA 69.22		2887	04 HAWAII	419 44	155 59	2000		2					2
KALAPANA 1 67.8		2894	02 S HILO	219 20	155 02	10		11					2
KAMAHA 2 5	A	3048	03 KAU	319 02	155 40	1375		23					2
KAMUELA 192.2		3077	01 S KOHALA	120 01	155 40	2670		87					1 2 3
KAPAPALA RANCH 36	A	3300	03 KAU	319 17	155 27	2140		91					2
KAPOHO BEACH 93.11		3368	02 HAWAII	219 30	154 49	12		2			NOV	JAN	1 2 3
KAPOHO LANDING 93.5	A	3369	02 PUNA	219 30	154 52	290		15					2
KAWAINUI LOWER 193	A	3770	01 HAMAKUA	120 05	155 39	1080		67					2
KEAAU 92		3872	02 PUNA	219 38	155 02	285		15					1 2 3
KEATWA CAMP 22.1		3925	03 KAU	319 14	155 29	1700							C
KEALAKEKUA 26.2		3977	04 S KONA	419 30	155 55	1450						AUG	C
KEALAKEKUA 2 28.7		3980	04 S KONA	419 30	155 55	1450		1	1		AUG		1 2
KEANAKOLU CAMP 124.2		4098	02 HAMAKUA	219 55	155 21	5280							C
KIDILAKAA A & F 6	A	4625	03 KAU	319 04	155 38	1925		48					2
KIPA 89.2	A	4632	02 S HILO	219 44	155 09	1490		25					2
KOHALA MISSION 175.1		4680	01 N KOHALA	120 14	155 48	537		70					1 2 3
KOIAWE LOWER 196	A	4685	01 HAMAKUA	120 05	155 38	720		67					2
KONA (KAILUA) 68.3	A	4764	04 N KONA	419 39	156 00	30		28					1 2 3 C
KONA VILLAGE 93.8		4765	04 N KONA	419 50	155 59	20		10					2
KUKAIAU 272		4815	01 HAMAKUA	120 02	155 21	840		82					2
KUKUIHAELE HIC 199		4928	01 HAMAKUA	120 07	155 35	980		68					2
KUKUIHAELE MILL 206	A	4938	01 HAMAKUA	120 08	155 34	300		87					2
KULANI CAMP 79		5011	02 S HILO	219 33	155 18	5170		18					1 2 3
KULANI MAUKA 76	A	5018	05 N HILO	519 35	155 27	8300		26					2
KULANI SCHOOL SITE 78	A	5021	02 S HILO	219 35	155 20	5735		30					2
LALAMILU FLD OFF 191.1		5260	01 S KOHALA	120 01	155 41	2615							C
LANTHAU 68.2		5330	04 N KONA	419 40	155 58	1530		35					2
LAVA TREE PARK 66.1		5460	02 PUNA	219 29	154 54	650							C
MAKAHALAU 103		5761	02 HAWAII	119 59	155 33	3820		6					2
MANUKA 2	A	6134	03 KAU	319 07	155 50	1760		48					2
MAUNA KEA OBS 111.2		6183	02 HAWAII	219 49	155 28	13770		6					2
MAUNA LOA SLOPE OBS		6198	05 HAMAKUA	519 32	155 35	11150		21	22				1 2 3
MIDDLE HOLUALOA 68.1	A	6268	04 N KONA	419 37	155 58	500		35					2
MIDDLE PEN 147.1	A	6270	01 N KOHALA	120 06	155 50	1380		13					2
MOAULA 18	A	6407	03 KAU	319 11	155 30	600		58					2
MOUNTAIN VIEW 91		6552	02 PUNA	219 33	155 07	1530		40	77				1 2 3
NAALEHU 14	A	6588	03 KAU	319 04	155 35	673		23	88				1 2 3
NAPOOPOO 28	A	6697	04 S KONA	419 28	155 55	395		37					2
ODKALA 229		7131	02 N HILO	220 01	155 17	430		57	87				1 2 3
OPIHIHALE 2 24.1		7166	04 S KONA	419 16	155 53	1270		19	20				1 2 3
ORCHID LAND EST 91.5	A	7185	02 PUNA	219 34	155 00	445		14					2
PAAIHU 217		7204	01 HAMAKUA	120 05	155 26	415		87					C
PAAILO 221		7312	01 HAMAKUA	120 03	155 22	800		74					2
PAHALA 21	A	7421	03 KAU	319 12	155 29	870		67	85				1 2 3
PAHOA 65		7457	02 PUNA	219 30	154 57	670		67					2
PAKAQ 37	A	7643	03 KAU	319 22	155 28	5000		48					2
PAPAIDOU 144.1		7711	02 S HILO	219 47	155 06	260		78					2
PAPAIDOU MAUKA 140.1		7721	02 S HILO	219 47	155 08	1270		51					2
PIIHONUA 89	A	8051	02 S HILO	219 44	155 10	1730		52					2
POHAKEA 270.6		8058	01 HAWAII	120 02	155 25	1760		2				SEP	2
POHAKULOA 107	A	8063	02 HAMAKUA	219 45	155 32	6511		40					C
PUAKU 95.1	A	8186	05 KOHALA	519 59	155 50	5		15					1 2 3
PUU KIHE 120	A	8393	01 HAMAKUA	119 54	155 24	7750		63					2
PUUKOMOLA HEIAU 98.1		8422	05 HAWAII	520 02	155 50	140		1	1		DEC		1 2 3
PUU LAU 102.1	A	8452	05 HAMAKUA	519 50	155 36	7440		45					2
PUU LEHUA 73	A	8460	04 N KONA	419 34	155 49	4880		54					2
PUU MALI 113	A	8515	01 HAMAKUA	119 55	155 26	6960		45					2
PUU WAAWAA 94.1	A	8555	05 N KONA	519 47	155 51	2520		74					C
SADDLE ROAD 1 84	A	8590	02 S HILO	219 42	155 12	2340		29					2
SOUTH KONA 2.31		8650	03 HAWAII	319 06	155 45	2650		1	1		SEP		1 2 3
SOUTH POINT CORRAL 3	A	8675	03 KAU	318 57	155 41	500		29					2
UMIKOA 118		8780	01 HAMAKUA	119 59	155 23	3420		84					2
UPOLU POINT USCG 159.2		8830	01 N KOHALA	120 15	155 53	61		19	21				1 2 3
WAIKAE SCD 88.2		9025	02 S HILO	219 40	155 08	1050		25					2
WAIKALOA-BOIS CAS 95.8		9142	04 HAWAII	519 56	155 48	900		2					2

STATION INDEX

HAWAII AND PACIFIC
1976

Station	Index No.	Division No.	DISTRICT	Drainage †	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ISLAND OF HAWAII													
WAIKANOOUA 178.6	9350	01	N KOHALA		120 08	155 47	3830						C
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	21	21				1 2 3
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		19				2
FALEASAO VILLAGE	4248	03	TA'U'AMAN		14 14S	169 31W	16		8				2
JOHNSTON WSO AP	4320	01	LINE ISLANDS		16 44N	169 31W	7	21	21	15			1 2 3 4
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	10	10				1 2 3
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	21	21				1 2 3
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	24	24				1 2 3
PAGO PAGO WSO AP	4690	03	AMER SAMOA		14 20S	170 43W	12	11	11				1 2 3
SWAIN ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	9	9				1 2 3
WESTERN PACIFIC ISL, NORTH OF 12 N													
ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	624	22	22				1 2 3
CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	23	23				1 2 3
#GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	254	20	20				1 2 3
GUAM WSO	4229	03	MARIANNA IS		13 33N	144 50E	361	20	20	17			1 2 3 4
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7				2
RITA	4800	03	MARIANNA IS		14 08N	145 09E	47		16				2
SAIPAN LORAN	4860	03	MARIANNA IS		15 08N	145 42E	9	18	18		JAN		1 2 3
WAKE WSO AP	4901	01			19 17N	166 39E	11	20	35				1 2 3
CAROLINE AND MARSHALL ISLANDS													
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		21				2
ENIOMETAK	4165	01	MARSHALL IS.		11 21N	162 21E	10	21	24				1 2 3
FALALOP I., ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	16	20				1 2 3
KAPINGAMARANGI ATOLL	4325	01	PONAPE		1 05N	154 48E	10	9	14				1 2 3
KOROR WSO	4351	02	CAROLINE IS		7 20N	134 29E	94	27	27				1 2 3
KWAJALEIN MISSILE RGN	4375	01	MARSHALL IS		8 44N	167 44E	7	24	24				1 2 3
LELE I., KUSAIE	4395	02	CAROLINE IS		5 20N	163 02E	7	18	18				1 2 3
MAJURO WSO AP	4460	02	MARSHALL IS		7 05N	171 23E	10	21	22				1 2 3
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	10	10				1 2 3
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	27		15				2
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		17				2
PONAPE WSO	4751	02	CAROLINE IS		6 58N	158 13E	123	26	26				1 2 3
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		2				1 2 3
TRUK, MOEN I., WSO AP	4851	02	CAROLINE IS		7 28N	151 51E	5	26	27				1 2 3
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	9	9				1 2 3
YAP WSO AP	4951	02	CAROLINE IS		9 29N	138 05E	44	28	28				1 2 3

REFERENCE NOTES

HAWAII AND PACIFIC

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

STATION NAMES Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

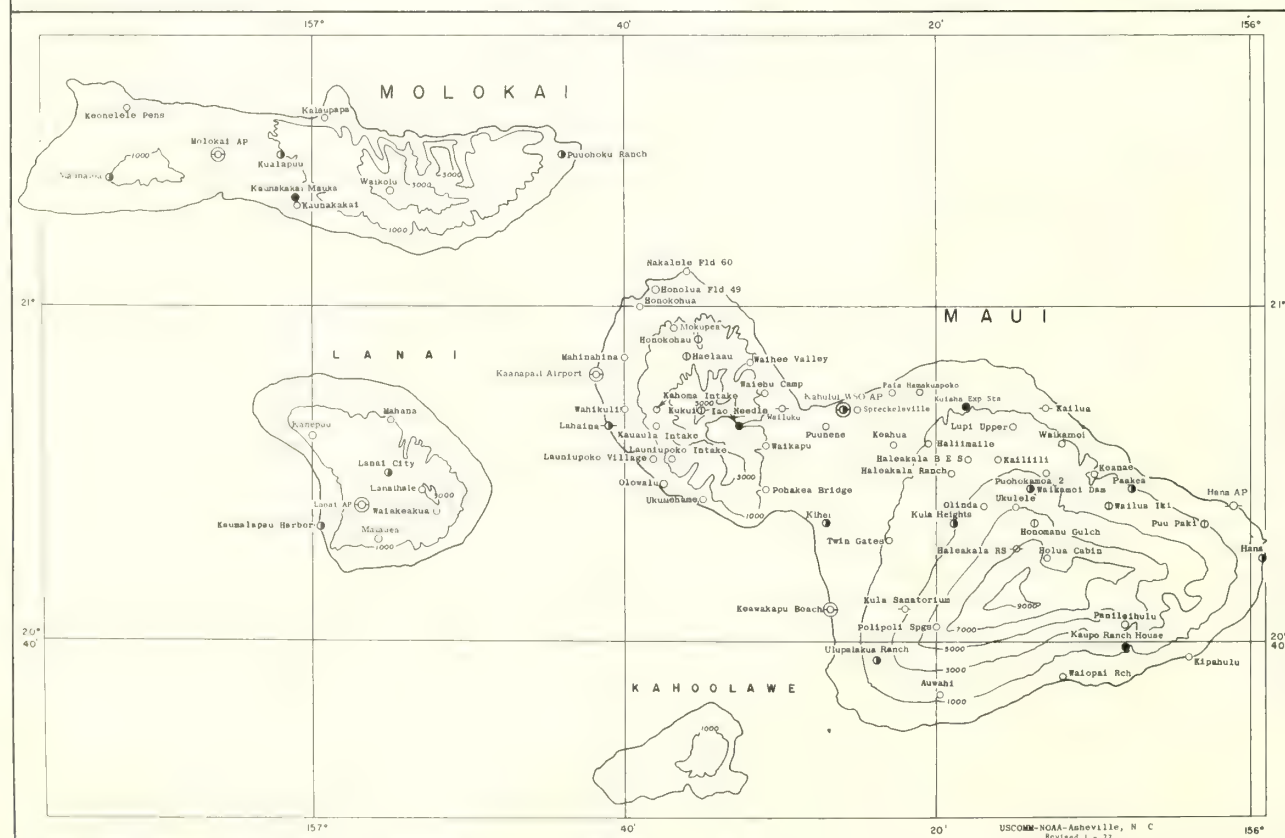
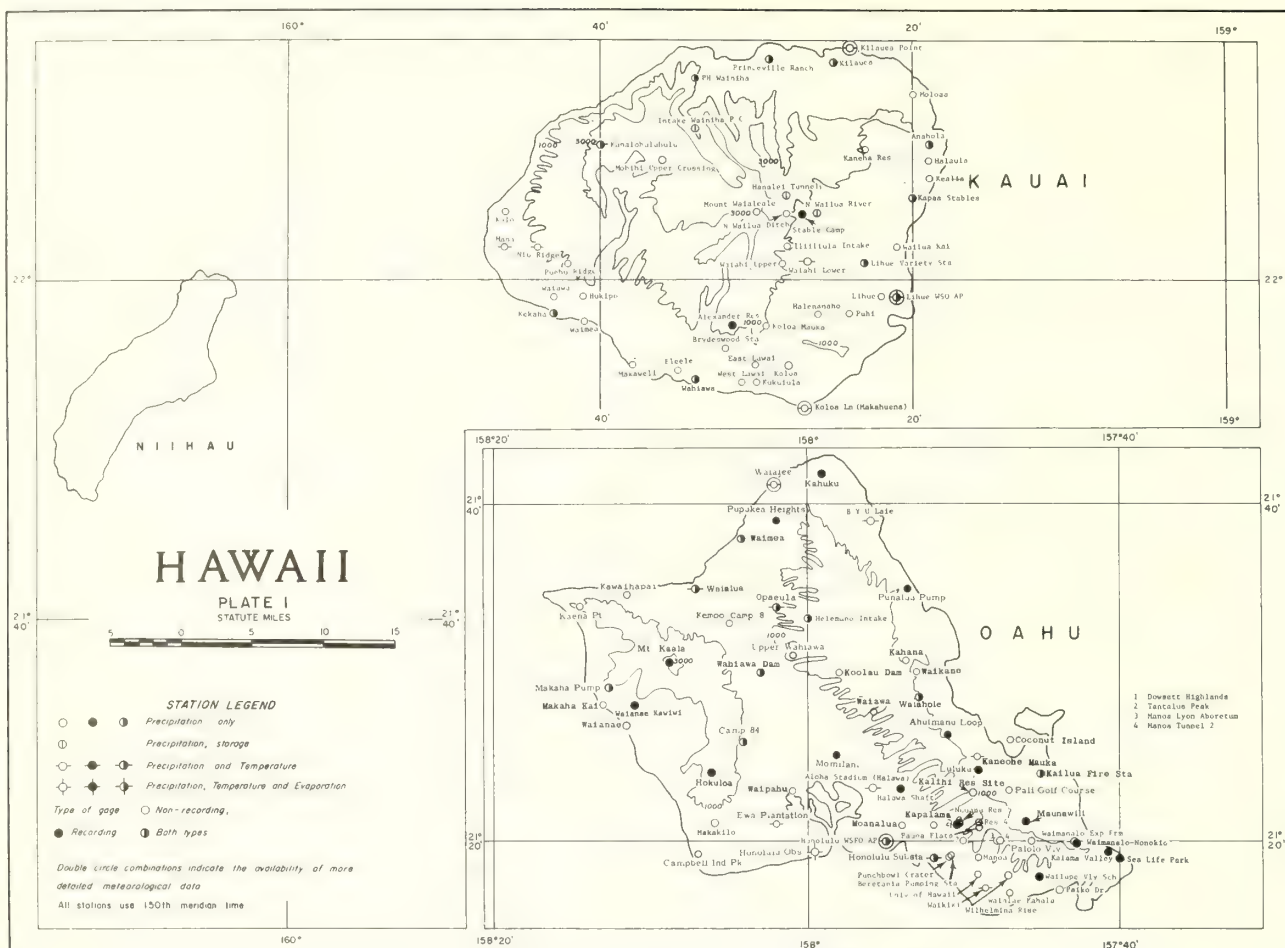
- No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- A The letter "A" shown following station name, (Table 2 and Station Index): Amounts carried in the monthly "Precipitation" column are for the period from last measurement of a preceding month through the last measurement of the current month. See Daily Precipitation Table of the monthly Climatological Data for the dates of measurement. Measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

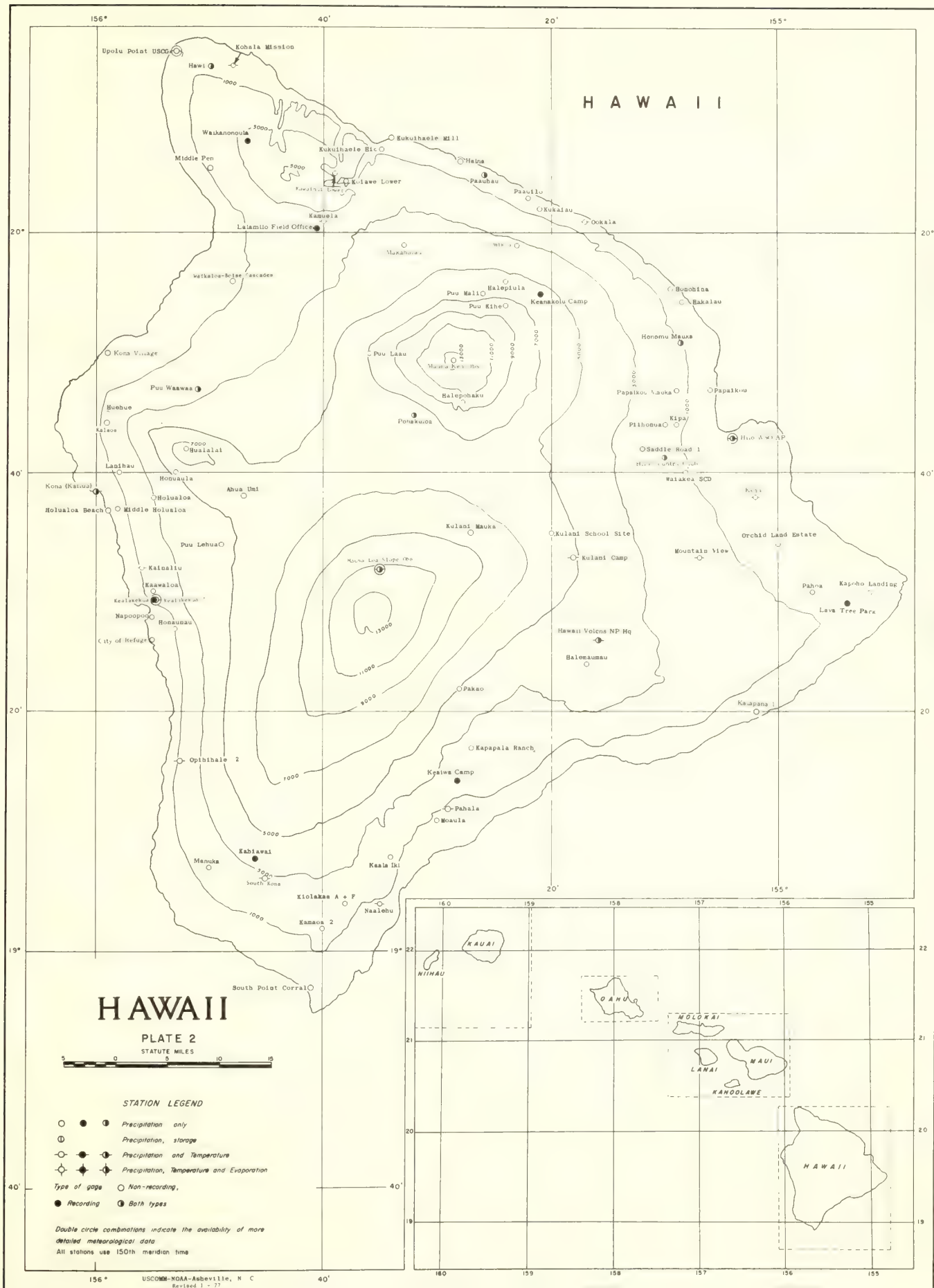
IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

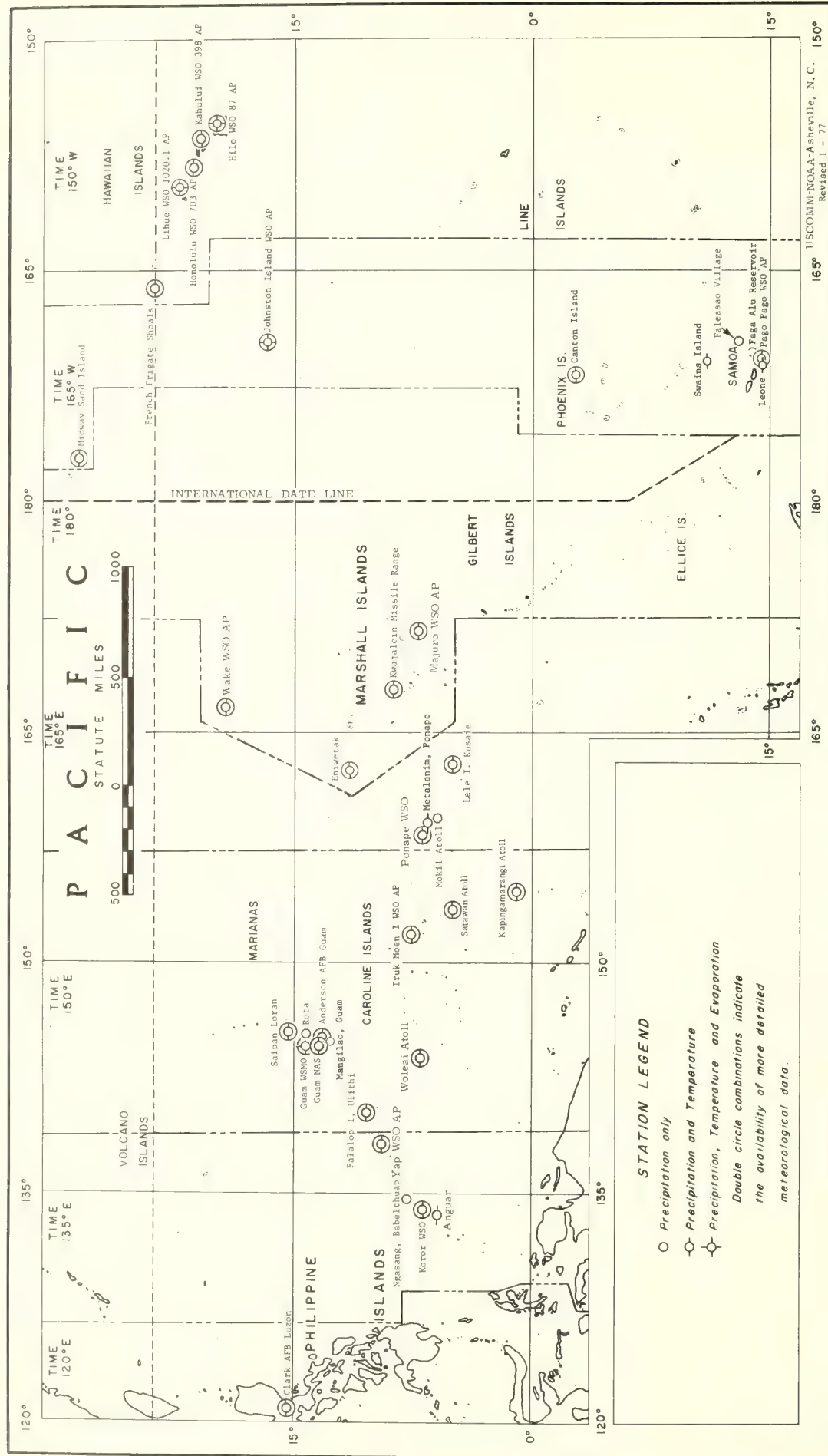
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
 - † DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH-CENTRAL 4-WESTERN 5-NORTH-CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL
 - C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
 - S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the December issue.
- Years of record as shown in the Station Index are approximate since gaps in the records may not have been considered in arriving at the totals shown.
- The four-digit identification numbers in the Index are assigned on an island basis. There will be no duplication of numbers within an island.
- The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

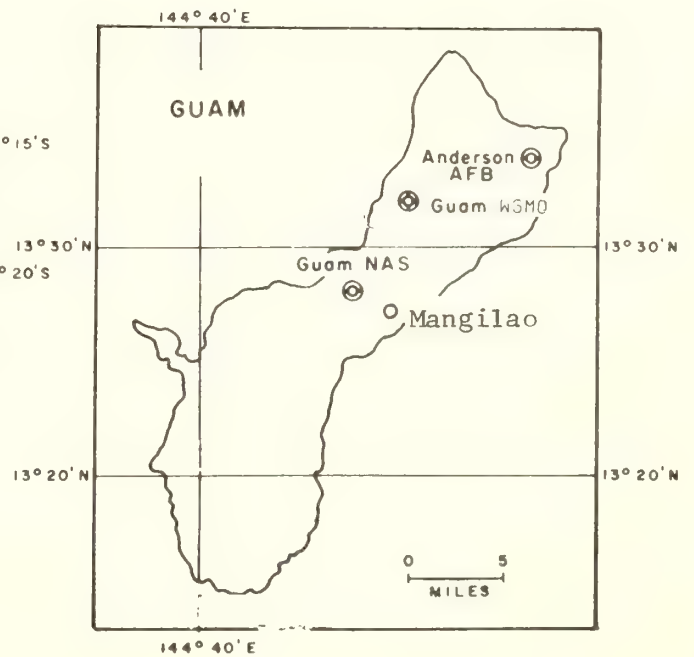
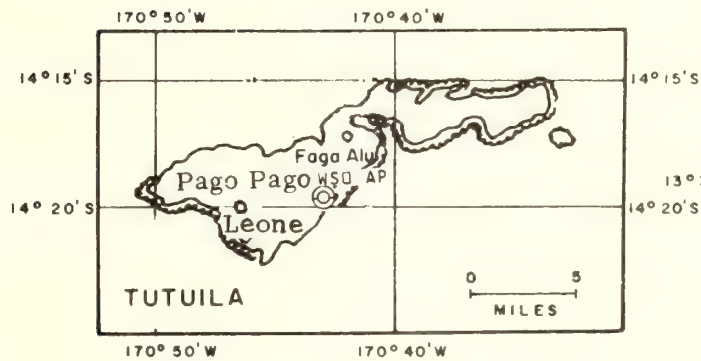
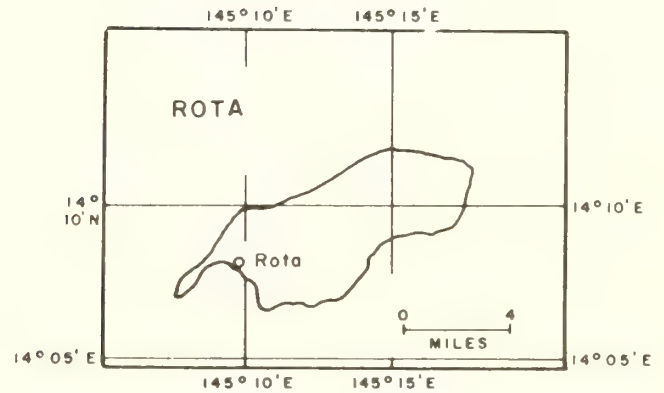
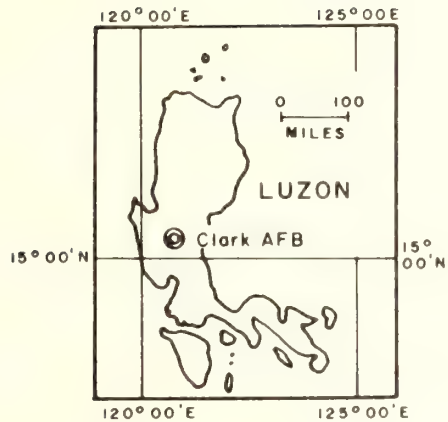
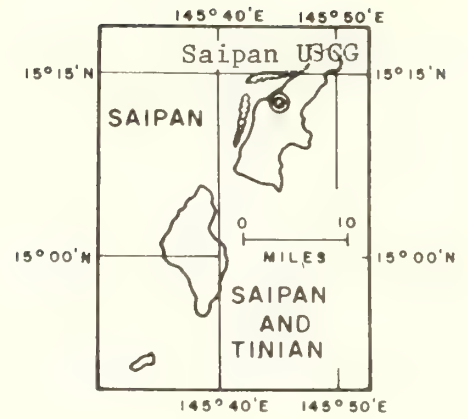
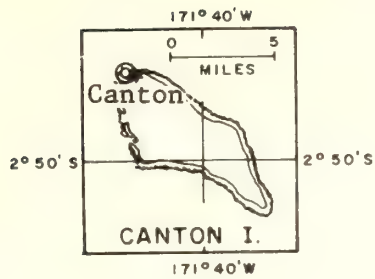
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 20 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: \$5.10 a year for each section including annual summary; \$5.55 additional for foreign mailing; 40¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

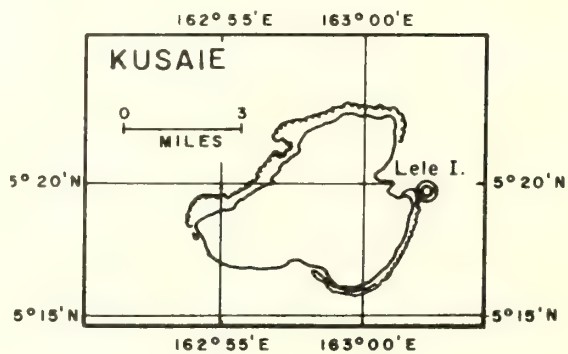
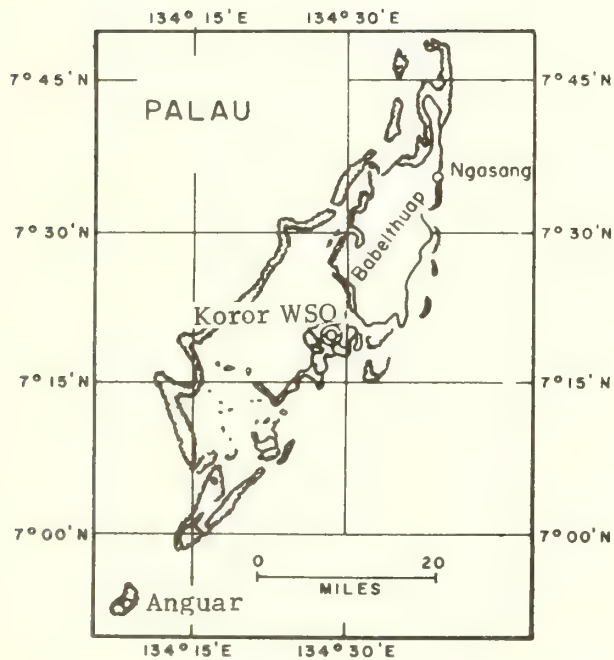
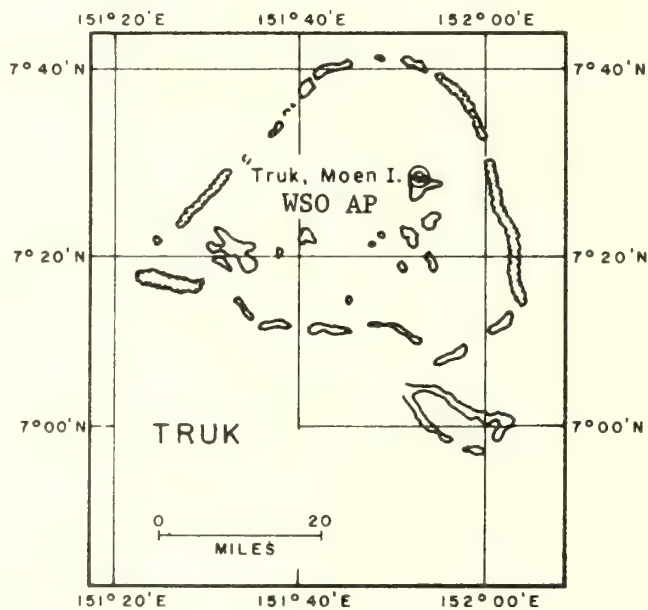
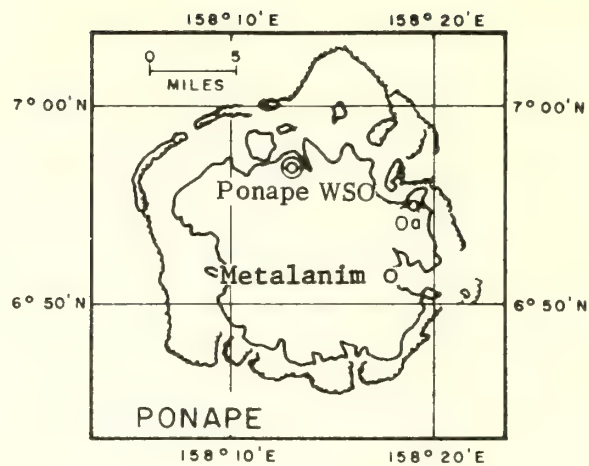
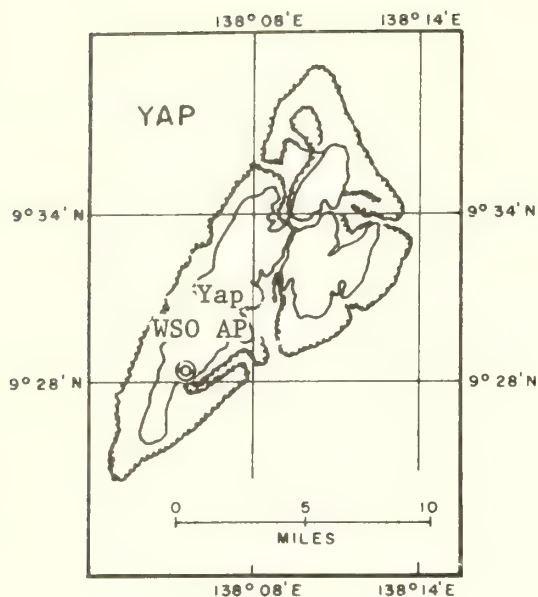




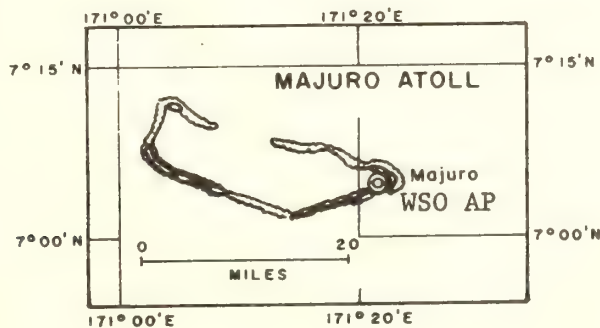
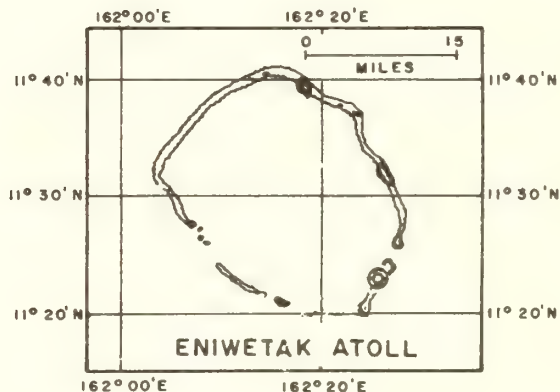
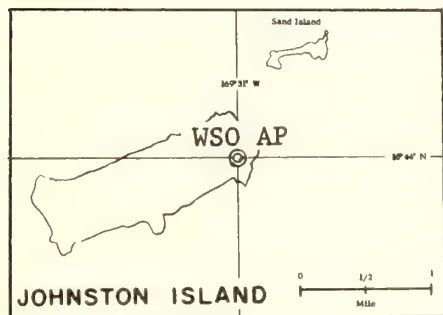
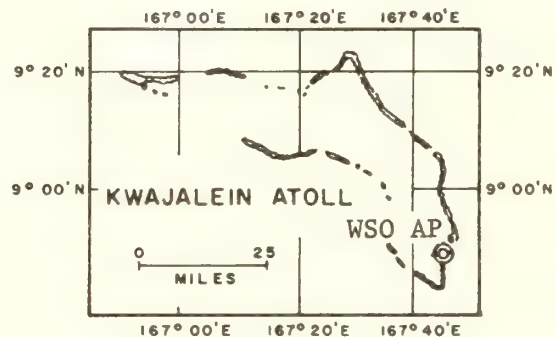
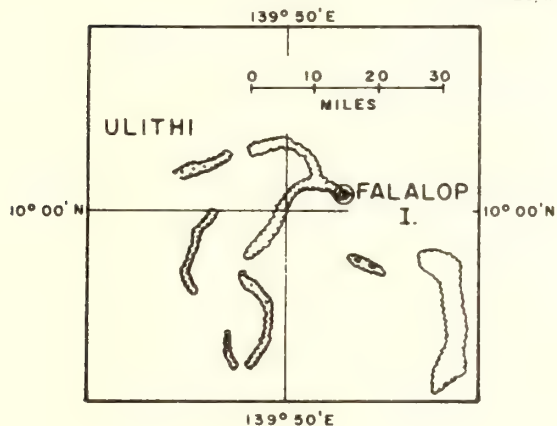
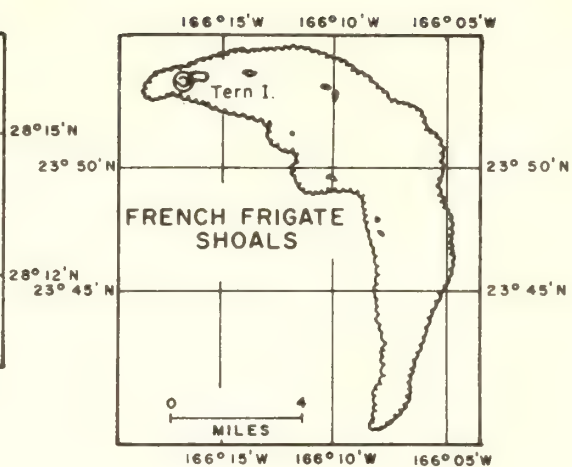
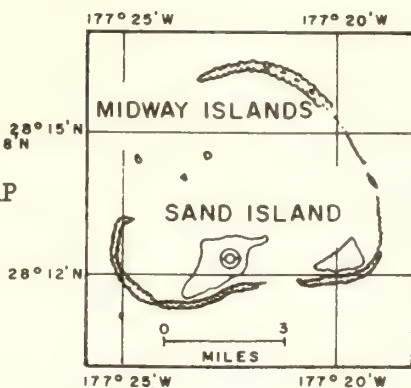
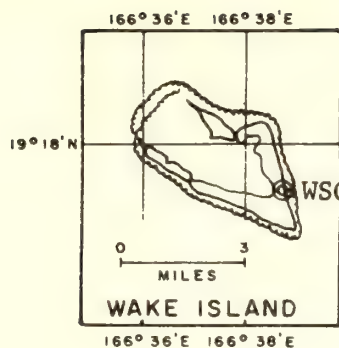




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